

## Monroe 65415

# Monroe Magnum 65415 Suspension Shock Absorber User Manual

Model: 65415

## INTRODUCTION

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This manual provides essential information for the proper installation, operation, and maintenance of your Monroe Magnum 65415 Suspension Shock Absorber. Please read this manual thoroughly before installation and retain it for future reference.





\*Accompanying parts not to scale - Partes que se acompañan no están a escala - Pièces jointes ne sont pas à l'échelle

Image: Monroe Magnum 65415 Suspension Shock Absorber. This image displays the full shock absorber unit, a cylindrical component with mounting points at both ends, designed for vehicle suspension systems.

## PRODUCT FEATURES

- **Robust hydraulic lock-out:** Prevents over-extension of the suspension, top-out of the piston and averts damage to the seal assembly - when required.
- **PTFE coated bearing:** Reduces friction during operation between the rod and rod guide, improving durability - on most applications.
- **Tenneco shouldered bushings:** Shouldered bushing and bonded bushing with sleeve designs prevent (bushing walkout) for improved quality and durability - on most applications.
- **Nitrogen gas-charged:** For improved ride and handling, helps maintain tire to road contact by reducing aeration - on most applications.
- **Loop welding technique:** Resistance weld with additional 360-degree weld to provide up to 15,000 lbs. (6,804 kg) tensile strength for maximum durability - when required.
- **2-3/8 inch (60.3 mm) reserve tube:** More fluid for more consistent performance - on most applications.
- **1-3/4-inch (44.6 mm) bore:** Large bore than most shocks to provide more consistent control.
- **.05-inch Pressure tube:** Withstanding pressure of 9KPSI.
- **10-stage valving:** Reacts to wide range of driving conditions - on most applications.

## PACKAGE CONTENTS

The Monroe Magnum 65415 Suspension Shock Absorber package typically includes:

- Monroe Magnum 65415 Suspension Shock Absorber Unit
- Dust Shield

- Parts Pack(s) (e.g., bushings, nuts, washers as required for installation)

## SETUP AND INSTALLATION

Installation of suspension components should be performed by a qualified professional. Improper installation can lead to vehicle damage or personal injury. Always refer to your vehicle's service manual for specific torque specifications and procedures.

1. **Safety First:** Ensure the vehicle is securely lifted and supported on jack stands. Disconnect the battery if working near electrical components.
2. **Remove Old Shock:** Carefully remove the existing shock absorber, noting the orientation of all components.
3. **Inspect Mounting Points:** Clean and inspect the mounting points for damage or wear.
4. **Install New Shock:** Install the Monroe Magnum 65415 shock absorber, ensuring all bushings and washers are correctly seated. Do not overtighten fasteners until the vehicle is at ride height.
5. **Final Torque:** Once the vehicle is on the ground and at normal ride height, torque all fasteners to the vehicle manufacturer's specifications.
6. **Post-Installation Check:** Verify all connections are secure and there is no interference with other vehicle components.

## OPERATING CONSIDERATIONS

Once installed, the Monroe Magnum 65415 shock absorber operates automatically as part of your vehicle's suspension system. No user interaction is required for its operation.

- **Initial Ride:** After installation, drive the vehicle cautiously to allow the suspension to settle and confirm proper function.
- **Performance:** Expect improved ride comfort and handling due to the advanced features of the Magnum series.

## MAINTENANCE

Monroe Magnum shock absorbers are designed for long-lasting performance with minimal maintenance. Regular inspection is recommended as part of your vehicle's routine maintenance schedule.

- **Visual Inspection:** Periodically check the shock absorbers for signs of fluid leaks, bent rods, damaged bushings, or corrosion.
- **Mounting Hardware:** Ensure all mounting bolts and nuts remain tight according to vehicle specifications.
- **Cleaning:** Keep the shock absorbers free from excessive dirt and debris, especially around the rod and seal area.

## TROUBLESHOOTING

If you experience issues after installing your Monroe Magnum 65415 shock absorber, consider the following common troubleshooting steps:

Symptom	Possible Cause	Solution
Excessive Bouncing/Poor Ride	Incorrect installation, damaged shock, or other worn suspension components.	Verify proper installation. Inspect for leaks or damage. Check other suspension parts (springs, control arms).
Clunking/Rattling Noise	Loose mounting hardware, worn bushings, or contact with other components.	Check all fasteners for proper torque. Inspect bushings for wear. Ensure adequate clearance.

Symptom	Possible Cause	Solution
Fluid Leakage	Damaged seal or internal component failure.	A leaking shock absorber typically requires replacement. Contact a qualified technician.

If problems persist, consult a certified automotive technician or contact Monroe customer support.

## SPECIFICATIONS

Attribute	Detail
Brand	Monroe
Model Number	65415
Auto Part Position	Top
Vehicle Service Type	Truck
Exterior Finish	Machined
Material	Steel
Item Weight	2.2 pounds
Product Dimensions	10 x 10 x 6 inches
Manufacturer	Monroe Shocks & Struts
UPC	048598173157

## WARRANTY INFORMATION

The Monroe Magnum 65415 Suspension Shock Absorber comes with Monroe's 90-day Risk Free Ride Offer and a Limited Commercial Warranty. For detailed terms and conditions, please refer to the official Monroe warranty documentation or visit the Monroe website.

Keep your proof of purchase for warranty claims.

## CUSTOMER SUPPORT

For technical assistance, installation questions, or warranty inquiries, please contact Monroe customer support through their official channels. Visit the official Monroe website for contact information and additional resources.  
You can find more information at the [Monroe Store on Amazon](#).



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### Mounting and Length Specifications

## Montage et de la longueur

## De montaje y especificaciones de longitud

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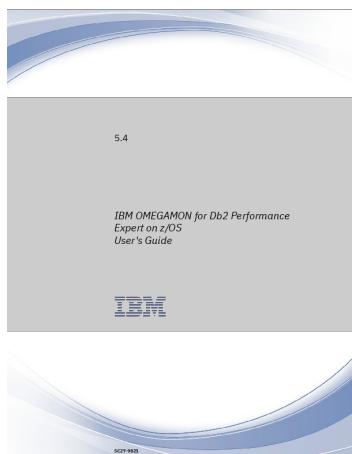
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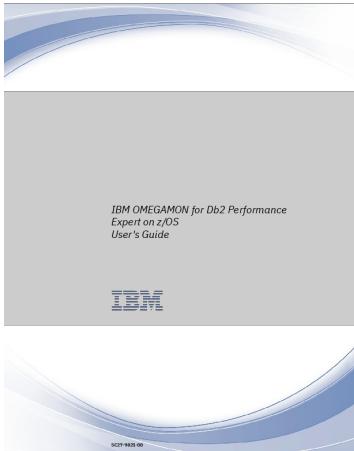
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