

## maXpeedingrods GU59UY

# maXpeedingrods 2-inch Lift Leveling Kit with Shocks for Chevy Silverado/GMC Sierra 2500/3500 HD 4WD (2020-2025) Instruction Manual

## 1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your maXpeedingrods 2-inch Lift Leveling Kit. This kit is designed to provide a 1.5 to 2-inch front lift, enhancing the vehicle's stance and performance for heavy-duty use.

### Compatibility:

- Chevy Silverado 2500 HD / 3500 HD 4WD (2020-2025)
- GMC Sierra 2500 HD / 3500 HD 4WD (2020-2025)

**Important Note:** This kit is **NOT** compatible with models equipped with Magnetic Ride Control.



*Image 1.1: Overview of the maXpeedingrods 2-inch Lift Leveling Kit components.*

## 2. SAFETY INFORMATION

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Installation of suspension components requires specialized tools and knowledge. Improper installation can lead to vehicle damage, loss of control, and serious injury. It is highly recommended that installation be performed by a certified professional mechanic.

- Always wear appropriate personal protective equipment (PPE) during installation.
- Ensure the vehicle is securely supported on jack stands or a lift before beginning work.
- Do not exceed the vehicle's gross vehicle weight rating (GVWR) after installation.
- After installation, a professional alignment is required to ensure proper vehicle handling and tire wear.

## 3. PACKAGE CONTENTS

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Please verify that all components are present and undamaged before beginning installation. If any parts are missing or damaged, contact maXpeedingrods customer support immediately.

- 2 x Front Shock Absorbers
- 2 x Forged Torsion Keys
- Associated Mounting Hardware (bolts, nuts, washers, bushings)
- Instruction Manual (this document)



Image 3.1: Contents of the maXpeedingrods 2-inch Lift Leveling Kit.

## 4. SPECIFICATIONS

Feature	Specification
Product Model Number	GU59UY
Lift Height	1.5 - 2 inches (Front)
Torsion Key Material	Forged Steel
Shock Absorber Type	Twin-Tube, High-Pressure Nitrogen Charged
Shock Body Diameter	54mm / 2.12 inches
Piston Rod Diameter	35mm / 1.37 inches (Chromed Hardened)
Piston Type	18mm / 0.70 inches Sintered Iron Piston
Tensile Strength	36kN
Front Shock Extended Length	495mm / 19.49 inches

Feature	Specification
Front Shock Compressed Length	350mm / 13.78 inches
Front Shock Travel Length	145mm / 5.71 inches
Corrosion Protection	Powder Coated Surface
Bushings	Natural Rubber



Image 4.1: Front Shock Absorber Travel Range.

# Twin-Tube Shock Structure

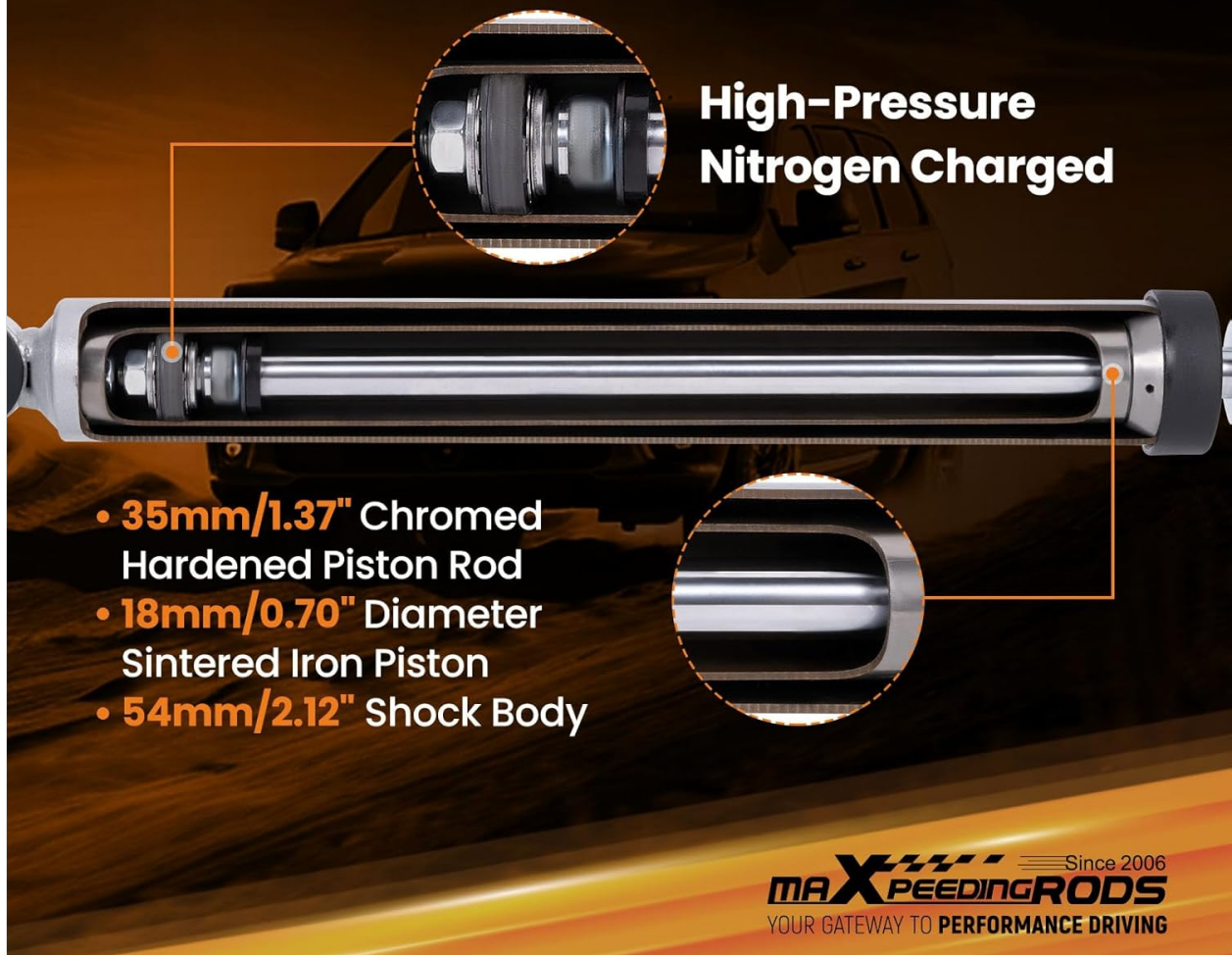


Image 4.2: Twin-Tube Shock Absorber Internal Structure.

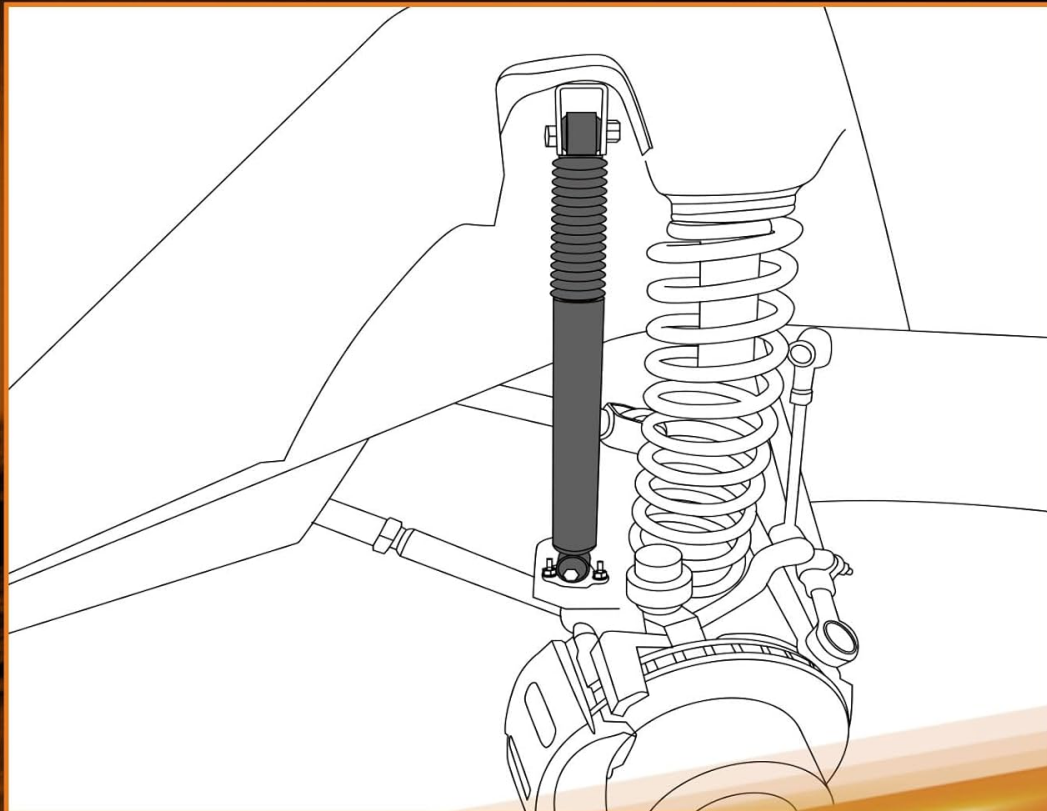
## 5. INSTALLATION / SETUP

Due to the complexity and safety implications, professional installation is strongly recommended. The following is a general overview and not a substitute for detailed, vehicle-specific service manual instructions.

1. **Prepare Vehicle:** Park the vehicle on a level surface, engage the parking brake, and block the rear wheels. Lift the front of the vehicle and support it securely with jack stands. Remove the front wheels.
2. **Remove OEM Components:** Carefully remove the original front shock absorbers and torsion keys according to your vehicle's service manual.
3. **Install New Torsion Keys:** Install the maXpeedingrods forged torsion keys. These keys are designed to provide the specified lift.
4. **Install New Shock Absorbers:** Mount the new maXpeedingrods front shock absorbers. Ensure all mounting hardware is correctly torqued to manufacturer specifications.
5. **Reassemble:** Reinstall the front wheels and lower the vehicle.
6. **Post-Installation:** A professional wheel alignment is mandatory after installing any suspension lift components to correct camber, caster, and toe angles. Failure to do so can result in poor handling, premature tire wear, and unsafe driving conditions.



# For **1.5-2"** Lift Front Suspension



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*Image 5.1: Diagram of Front Suspension Lift Installation.*

# Important Notice



**Note:** Does NOT fit models with Magnetic Ride Control

**maXPEEDINGRODS** Since 2006  
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Image 5.2: Compatibility Warning for Magnetic Ride Control.

## 6. OPERATING CONSIDERATIONS

The maXpeedingrods lift leveling kit is designed to provide a comfortable ride suitable for daily driving and light trail use. The twin-tube design and natural rubber bushings contribute to noise absorption and vibration reduction.

- The 1.5-2 inch front lift enhances load capacity and stability, particularly beneficial for heavy-duty applications.
- Increased ground clearance can reduce the risk of chassis scratches during off-road or uneven terrain driving.
- Always drive responsibly and be aware of the altered vehicle dynamics due to the lift.

## 7. MAINTENANCE

Regular inspection and maintenance are crucial for the longevity and safe operation of your suspension system.

- Periodically inspect all suspension components for signs of wear, damage, or loose fasteners.
- Check shock absorbers for leaks or damage to the dust boots. Replace if necessary.
- Ensure all bolts and nuts are torqued to the manufacturer's specifications.
- Keep suspension components clean, especially after off-road use, to prevent corrosion and debris buildup.

## 8. TROUBLESHOOTING

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If you experience any issues after installation, consider the following common troubleshooting steps:

- **Uneven Ride Height:** Verify that torsion keys are correctly installed and adjusted. Ensure all components are seated properly.
- **Excessive Noise:** Check all fasteners for proper torque. Inspect bushings for damage or improper seating.
- **Poor Handling/Steering Issues:** Confirm that a professional wheel alignment was performed after installation. Re-check all suspension connections.
- **Shock Absorber Malfunction:** Inspect shocks for visible damage or fluid leaks. If a shock is suspected to be faulty, contact customer support.

For persistent issues, consult a qualified mechanic or contact maXpeedingrods technical support.

## 9. WARRANTY AND SUPPORT

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maXpeedingrods provides a **1-year limited warranty** for quality issues from the date of purchase. Additionally, lifetime technical support is available for this product.

For warranty claims, technical assistance, or any product-related inquiries, please contact maXpeedingrods customer service through their official channels. Provide your purchase details and model number (GU59UY) for efficient service.



Image 9.1: maXpeedingrods Customer Support.



 <p><b>AIR SPRING KIT</b> INSTALLATION GUIDE</p> <p><b>FIT FOR GMC SIERRA SILVERADO 2500 HD 3500</b> REAR AIR HELPER SPRING LEVELING KIT</p>	<p><a href="#"><u>MAXpeedingRODS Rear Air Helper Spring Leveling Kit Installation Guide for GMC Sierra Silverado 2500 HD 3500</u></a></p> <p>Detailed installation guide for the MAXpeedingRODS Rear Air Helper Spring Leveling Kit, designed for GMC Sierra and Chevrolet Silverado 2500 HD and 3500 models. Includes a comprehensive parts list and step-by-step instructions for safe and proper installation.</p>
 <p><b>AIR SPRING KIT</b> INSTALLATION GUIDE</p> <p><b>FIT FOR GMC SIERRA CHEVROLET SILVERADO 2WD 4WD</b> REAR AIR HELPER SPRING LEVELING KIT</p>	<p><a href="#"><u>MAXpeedingRods Air Spring Kit Installation Guide for GMC Sierra &amp; Chevrolet Silverado</u></a></p> <p>Comprehensive installation guide for the MAXpeedingRods Rear Air Helper Spring Leveling Kit, compatible with GMC Sierra and Chevrolet Silverado 2WD/4WD models. Features a detailed parts list and step-by-step assembly instructions with diagrams described textually.</p>
 <p><b>AIR SPRING KIT</b> INSTALLATION GUIDE</p> <p><b>FIT FOR CHEVROLET GMC 2500 3500</b> REAR AIR HELPER SPRING LEVELING KIT</p>	<p><a href="#"><u>Maxpeedingrods Air Spring Kit Installation Guide for Chevrolet/GMC 2500/3500</u></a></p> <p>A comprehensive installation guide for the Maxpeedingrods Rear Air Helper Spring Leveling Kit, designed for Chevrolet Silverado 2500/3500 and GMC Sierra 2500/3500 models. This guide details the parts list and step-by-step instructions for installing the air spring kit.</p>
 <p><b>AIR SPRING KIT</b> INSTALLATION GUIDE</p> <p><b>FIT FOR GMC SIERRA CHEVROLET SILVERADO 1500</b> REAR AIR HELPER SPRING LEVELING KIT</p>	<p><a href="#"><u>MAXPEEDINGRODS Air Spring Kit Installation Guide for GMC Sierra &amp; Chevrolet Silverado 1500</u></a></p> <p>Comprehensive installation guide for the MAXPEEDINGRODS Rear Air Helper Spring Leveling Kit, compatible with GMC Sierra 1500 and Chevrolet Silverado 1500 (1999-2007). Includes a detailed parts list, pre-installation warnings, step-by-step assembly instructions, and final checks.</p>
 <p><b>AIR SPRING KIT</b> INSTALLATION GUIDE</p> <p><b>FIT FOR GMC SIERRA CHEVROLET SILVERADO</b> REAR SUSPENSION LEVELING KIT</p>	<p><a href="#"><u>MAXPEEDINGRODS Air Spring Kit Installation Guide for GMC Sierra &amp; Chevrolet Silverado</u></a></p> <p>Detailed installation guide for the MAXPEEDINGRODS rear suspension leveling air spring kit, compatible with GMC Sierra and Chevrolet Silverado models. Includes pre-installation checks, step-by-step removal and installation instructions, and safety warnings.</p>
 <p><b>AIR SPRING KIT</b> INSTALLATION GUIDE</p> <p><b>FIT FOR GMC SIERRA CHEVROLET SILVERADO 1500</b> REAR AIR HELPER SPRING LEVELING KIT</p>	<p><a href="#"><u>MAXpeedingRODS Rear Air Helper Spring Installation Guide for GMC Sierra &amp; Chevrolet Silverado 1500</u></a></p> <p>Comprehensive installation guide for the MAXpeedingRODS Rear Air Helper Spring Leveling Kit designed for GMC Sierra and Chevrolet Silverado 1500 vehicles. Includes a detailed parts list and step-by-step instructions.</p>

