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› maXpeedingrods 3" Front & 4" Rear Drop Lowering Kit Instruction Manual

maXpeedingrods CN87AH

maXpeedingrods 3" Front & 4" Rear Drop Lowering Kit Instruction Manual

Brand: maXpeedingrods | Model: CN87AH

1. INTRODUCTION

Thank you for choosing the maXpeedingrods 3" Front & 4" Rear Drop Lowering Kit. This kit is engineered to enhance the aesthetic appeal and handling characteristics of your compatible GM SUV by lowering its ride height. It provides a 2-3 inch drop at the front and a 4 inch drop at the rear, giving your vehicle a more aggressive stance and improved road presence. Please read this manual thoroughly before installation and operation to ensure proper use and safety.

2. VEHICLE COMPATIBILITY

This lowering kit is specifically designed for the following vehicle models and years, provided they are equipped with torsion keys:

- For GMC Yukon/Yukon XL 1500 2WD/4WD/AWD (2000-2006)
- For Chevy Tahoe/Suburban/Avalanche 1500 2WD/4WD/AWD (2000-2006)
- For Cadillac Escalade 2WD/4WD/AWD (2000-2006)

Important Note: The Avalanche model will achieve a 3-inch rear drop with this kit.

1-3" Front & 4" Rear



BEFORE

AFTER



YOUR GATEWAY TO PERFORMANCE DRIVING

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Figure 2.1: Detailed compatibility chart for the maXspeedingrods lowering kit.

3. PACKAGE CONTENTS

Please verify that all components listed below are present in your package before beginning installation:

- 2 x Front Adjustable Drop Steel Torsion Keys
- 2 x Rear Drop Coil Springs (4" drop, 3" for Avalanche)
- 2 x Rear Powder Coated Shock Extenders
- Necessary Installation Hardware (bolts, nuts, washers)

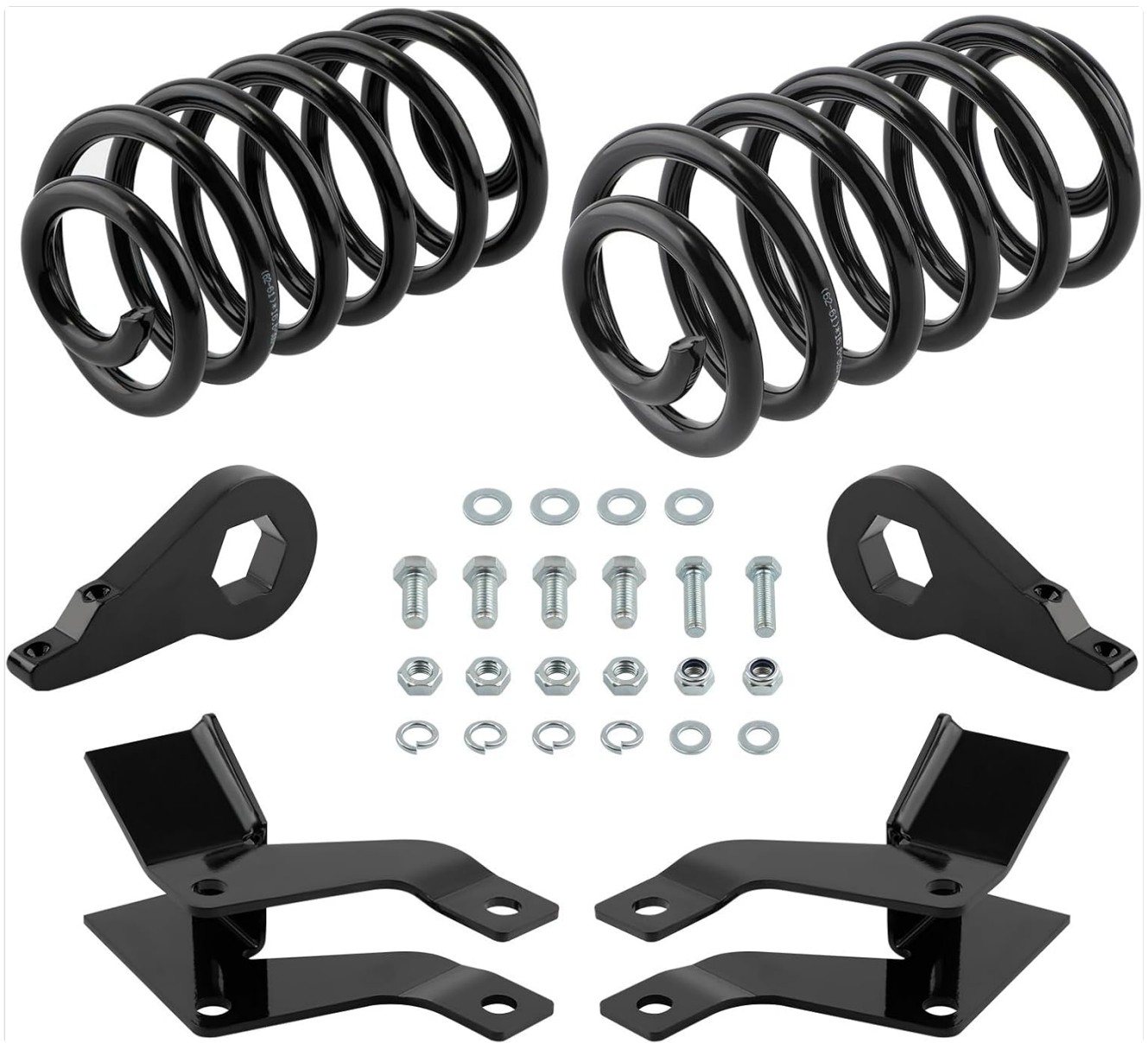


Figure 3.1: Overview of all components included in the lowering kit.



Figure 3.2: The two rear drop coil springs.



Figure 3.3: The two rear shock extenders.

4. KEY FEATURES

The maXpeedingrods lowering kit is designed with durability and performance in mind:

- **Durable Powder Coat Finish:** All metal components feature a robust powder coat for enhanced corrosion resistance and longevity.
- **Precision Laser-Cut Steel:** Components are manufactured from high-quality steel with precision laser cutting for accurate fitment and strength.
- **Easy to Install:** Designed for straightforward installation, though professional assistance is recommended.
- **Zinc Plating Bolts:** Included hardware is zinc-plated for improved durability and resistance to rust.

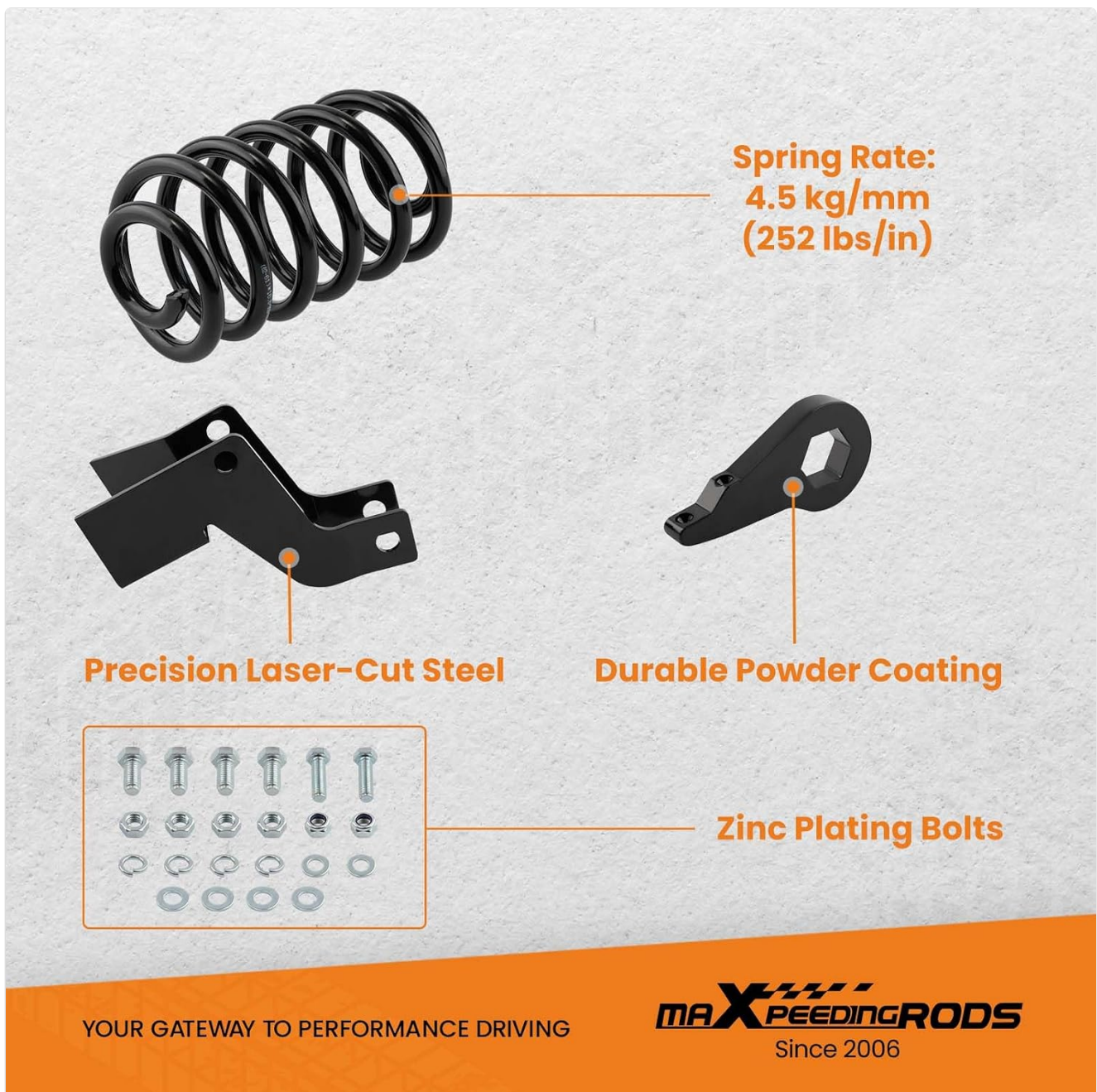


Figure 4.1: Highlighted features of the lowering kit components.

5. SETUP AND INSTALLATION

Installation of this lowering kit requires mechanical knowledge and specialized tools. While designed to be straightforward, **professional installation is highly recommended** to ensure safety, proper alignment, and optimal performance. No detailed step-by-step instructions are included in the package.

General Guidelines:

- Ensure the vehicle is securely supported on a lift or jack stands before beginning any work.
- Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Familiarize yourself with your vehicle's suspension system and consult a service manual for specific torque specifications and procedures.
- The front lowering is achieved by replacing the factory torsion keys with the adjustable drop steel torsion keys.
- The rear lowering involves replacing the stock coil springs with the provided drop coil springs and installing the shock extenders.

- **Important Note:** The longer of the two rear coil springs is specifically designed for the driver's side of the vehicle. Ensure correct placement during installation.
- After installation, a professional wheel alignment is crucial to prevent premature tire wear and ensure proper vehicle handling.



Figure 5.1: Proper placement of the longer rear coil spring on the driver's side.



Make	Year	Model
For Chevy	2000-2006	Tahoe 2WD/4WD/AWD
For Chevy	2000-2006	Suburban 1500 2WD/4WD/AWD
For Chevy	2000-2006	Avalanche 1500 2WD/4WD/AWD
For GMC	2000-2006	Yukon 2WD/4WD/AWD
For GMC	2000-2006	Yukon XL 1500 2WD/4WD/AWD
For Cadillac	2000-2006	Escalade 2WD/4WD/AWD

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Figure 5.2: Visual representation of vehicle stance before and after lowering.

6. OPERATION

Once installed, the maXpeedingrods lowering kit will reduce your vehicle's ground clearance, resulting in a lower center of gravity. This typically leads to improved handling, reduced body roll during cornering, and a sportier appearance. Be mindful of the reduced clearance when driving over speed bumps, potholes, or uneven terrain to avoid damage to the undercarriage.



Figure 6.1: Benefits of the lowering kit, including reduced ground clearance and improved handling.

7. MAINTENANCE

To ensure the longevity and continued performance of your lowering kit and vehicle suspension, consider the following maintenance tips:

- **Regular Inspection:** Periodically inspect all components of the lowering kit (torsion keys, coil springs, shock extenders, and hardware) for any signs of wear, damage, or corrosion.
- **Check Fasteners:** Ensure all bolts and nuts remain securely tightened to their specified torque values. Loose fasteners can lead to noise, premature wear, or component failure.
- **Clean Components:** Keep suspension components clean, especially after driving in harsh conditions (e.g., salted roads, muddy trails) to prevent corrosion.
- **Alignment Checks:** Have your vehicle's alignment checked periodically, especially if you notice uneven tire wear or changes in handling.
- **Shock Absorber Health:** While the kit includes shock extenders, the original shock absorbers will still be in use. Monitor their condition for leaks or reduced damping performance.

8. TROUBLESHOOTING

If you encounter issues after installing the lowering kit, refer to the common problems and solutions below:

Common Issues:

- **Vehicle not lowering as expected:**
 - Verify that the correct parts were installed (e.g., ensuring lowering keys were used, not lift keys).
 - Confirm that the torsion keys are properly adjusted to achieve the desired front drop.
 - Ensure the rear coil springs are correctly seated and are the specified drop springs.

- Allow some time for the suspension to settle after installation.
- **Uncomfortable ride quality (too stiff or too soft/bouncy):**
 - Ride comfort can be subjective and may change with a lowered suspension.
 - Ensure all components are installed correctly and not binding.
 - Check the condition of your original shock absorbers; worn shocks can negatively impact ride quality, especially with new springs.
 - Verify that the longer rear spring is on the driver's side.
- **Front end lifting instead of lowering:**
 - This indicates incorrect installation or the use of incorrect torsion keys. Double-check that the installed keys are indeed lowering keys and are adjusted for a drop.
- **Rear suspension too soft or bouncy:**
 - Ensure the rear coil springs are correctly installed and are not damaged.
 - Check the condition of your rear shock absorbers. If they are worn, they may not adequately dampen the spring's movement, leading to a bouncy ride.
- **Incorrect part received (e.g., lift keys instead of lowering keys):**
 - Immediately contact maXpeedingrods customer support with your order details and a description of the discrepancy. Do not attempt to install incorrect parts.

If you are unable to resolve an issue, please contact maXpeedingrods customer support for further assistance.

9. PRODUCT SPECIFICATIONS

Attribute	Detail
Brand	maXpeedingrods
Model Number	CN87AH
Front Drop	Adjustable 1-3 inches
Rear Drop	4 inches (3 inches for Avalanche)
Material	Alloy Steel (Powder Coated)
Item Weight	38.5 pounds
Product Dimensions	17.72 x 14.17 x 8.66 inches
Included Components	Adjustable Drop Steel Torsion Keys, Drop Coil Springs, Powder Coated Shock Extenders, Installation Hardware

10. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please contact maXpeedingrods customer service directly. Refer to your purchase documentation or the maXpeedingrods official website for contact details. When contacting support, please have your product model number (CN87AH) and purchase information readily

available.

You can visit the official maXpeedingrods store on Amazon for more information:[maXpeedingrods Store](#)

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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.

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