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maXpeedingrods IE54KL

maXpeedingrods 2.5" Front & 0.5" Rear Lift Kit Instruction Manual for Jeep Grand Cherokee WK2 (2011-2022)

1. PRODUCT OVERVIEW

This manual provides essential information for the installation and maintenance of your maXpeedingrods 2.5" Front and 0.5" Rear Suspension Lift Spacer Kit. This kit is specifically designed to enhance the ground clearance and accommodate larger tires on Jeep Grand Cherokee WK2 models manufactured between 2011 and 2022. Please note, this kit is not compatible with vehicles equipped with air-ride suspension or Quadra-Lift air suspension systems.



Figure 1: Complete maXpeedingrods 2.5" Front & 0.5" Rear Lift Kit components, including front strut spacers, rear coil spacers, and associated hardware.

2. PRODUCT FEATURES

- **Fitment:** Designed for Jeep Grand Cherokee WK2 2011-2022 models. Excludes vehicles with air-ride or Quadra-Lift air suspension.
- **Lift Height:** Provides approximately 2.5 inches of lift at the front and 0.5 inches at the rear. This increased height allows for fitting larger tires, up to 33 inches.
- **Material:** Lift spacers are constructed from high-strength steel, featuring a durable powder coating finish for enhanced resistance against rust and corrosion, ensuring extended service life.
- **Installation:** Strut spacers are designed for direct bolt-on installation to the top of the front struts.
- **Support:** maXpeedingrods offers lifetime technical support and a 1-year limited warranty for quality-related issues from the date of purchase.



Figure 2: Illustration of forged billet aluminum construction, highlighting the robust material used in some components for durability.

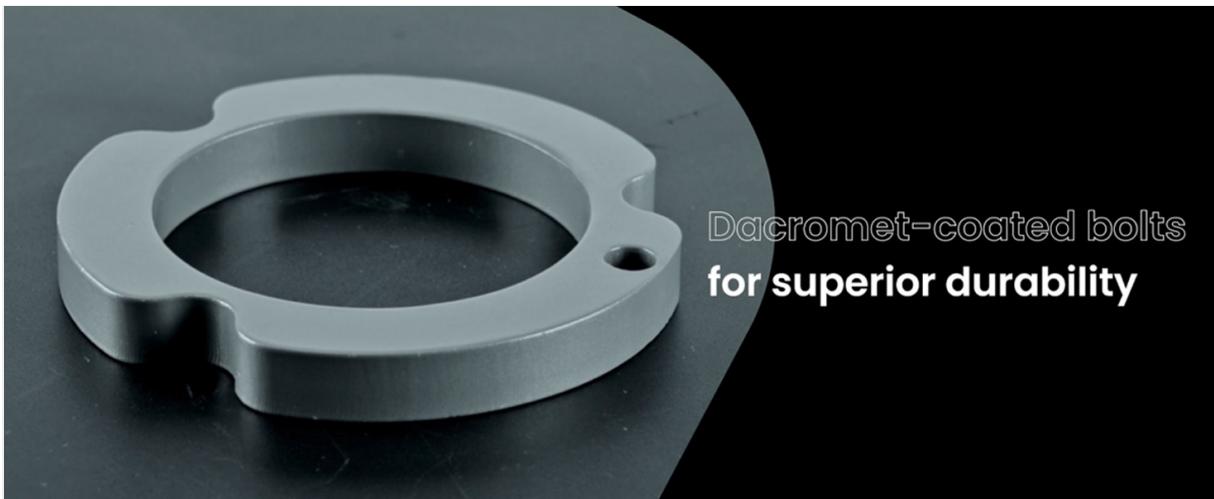


Figure 3: Close-up of Dacromet-coated bolts, indicating their corrosion-resistant properties for long-term reliability.

3. WHAT'S IN THE Box

The maXpeedingrods 2.5" Front & 0.5" Rear Lift Kit includes the following components:

- Front Strut Spacers (Quantity: 2)
- Rear Coil Spacers (Quantity: 2)
- Brake Line Relocation Brackets (Quantity: 2)
- All necessary mounting hardware (bolts, nuts, washers)

What's In The Box



Figure 4: Visual representation of all components included in the kit, laid out for inspection.

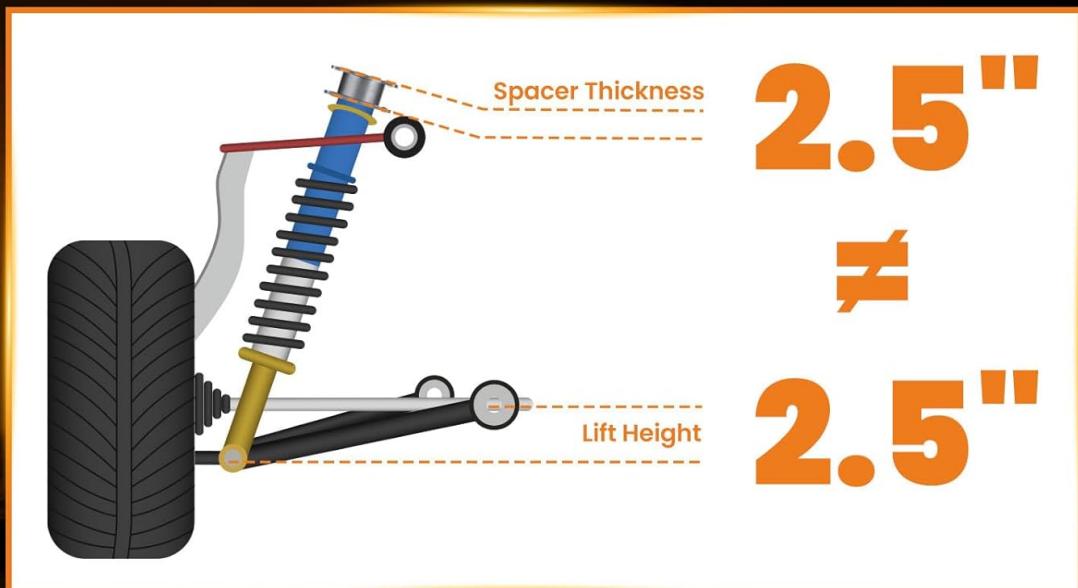
4. INSTALLATION INSTRUCTIONS (SETUP)

Installation of this lift kit requires mechanical knowledge and appropriate tools. If you are not confident in performing the installation yourself, it is recommended to seek professional assistance. A detailed PDF installation manual is available for download to guide you through each step.

4.1 Important Considerations

- **Suspension Geometry:** The actual lift height achieved may differ from the physical thickness of the spacers due to suspension geometry. For example, a 1.54-inch spacer may result in a 2.5-inch lift.
- **Vehicle Compatibility:** Ensure your vehicle is a Jeep Grand Cherokee WK2 (2011-2022) and does NOT have air-ride or Quadra-Lift air suspension.
- **Post-Installation:** After installation, a professional wheel alignment is highly recommended to ensure proper vehicle handling and tire wear.

2.5" Lift ≠ 2.5" Spacer Thickness



The Spacer will alter the angle of the lower control arm, providing an additional lift beyond the spacer thickness

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Figure 5: Diagram illustrating that the achieved lift height (2.5 inches) is not equivalent to the physical spacer thickness (1.54 inches) due to the vehicle's suspension leverage ratio.

Front 2.5" Rear 0.5" Lift



Figure 6: Visual comparison of a Jeep Grand Cherokee WK2 before and after the installation of the 2.5" front and 0.5" rear lift kit, demonstrating the increased ground clearance.

4.2 General Installation Steps (Summary)

1. Safely lift the vehicle and support it on jack stands.
2. Remove the front wheels.
3. Disassemble the factory front strut assembly.
4. Install the front strut spacers on top of the factory struts.
5. Reinstall the modified strut assembly.
6. Remove the rear wheels.
7. Install the rear coil spacers.
8. Install the brake line relocation brackets.
9. Reinstall the rear wheels.
10. Lower the vehicle and perform a final torque check on all fasteners.
11. Arrange for a professional wheel alignment.

4.3 Official Product Video

For a general overview of maXpeedingrods' commitment to performance and product quality, please watch the

following video:

Video 1: maXpeedingrods - Focus on Performance. This video highlights the brand's dedication to developing high-performance automotive parts through rigorous testing and engineering.

5. SPECIFICATIONS

Attribute	Value
Brand	maXpeedingrods
Auto Part Position	Front, Rear
Material	Alloy Steel
Included Components	Strut spacers, Coil spacers, Hardware
Maximum Lifting Height	2.5 Inches (Front)
Item Weight	15.87 pounds
Product Dimensions	12.99 x 9.06 x 5.51 inches
Manufacturer Part Number	IE54KL

6. MAINTENANCE

Regular maintenance is crucial for the longevity and safe operation of your lift kit and vehicle suspension. Perform the following checks periodically:

- **Fastener Torque:** Re-check the torque on all bolts and nuts installed with the lift kit after the first 500 miles of driving, and then every 5,000 miles or during routine vehicle servicing.
- **Component Inspection:** Visually inspect all lift kit components for any signs of wear, damage, or corrosion. Pay close attention to the spacers, bolts, and brake line brackets.
- **Suspension Alignment:** Monitor tire wear for any uneven patterns, which may indicate a need for re-alignment.
- **Cleaning:** Keep the suspension components clean, especially after off-road driving, to prevent accumulation of dirt and debris that could accelerate wear or corrosion.

7. TROUBLESHOOTING

If you encounter any issues after installing the lift kit, consider the following common troubleshooting steps:

- **Uneven Ride Height:** Double-check that all spacers are correctly installed and seated. Verify that the correct spacers were used for the front and rear.
- **Unusual Noises (Clunking, Squeaking):** Inspect all fasteners for proper torque. Ensure no components are rubbing against each other or the vehicle frame. Check for any loose or damaged suspension parts.
- **Poor Handling or Steering Issues:** This often indicates a need for a professional wheel alignment. Ensure all suspension components are correctly installed and functioning.
- **Tire Rubbing:** Confirm that the tire size is within the recommended limits for the lift kit. Inspect for any specific areas of contact and ensure all components are properly positioned.

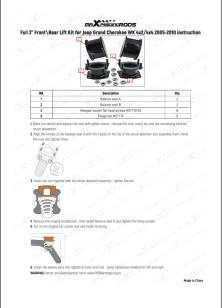
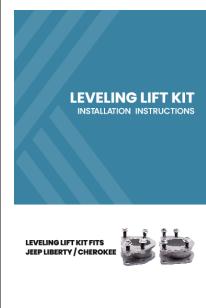
If problems persist after these checks, please contact maXpeedingrods customer support for further assistance.

8. WARRANTY AND SUPPORT

maXpeedingrods is committed to providing high-quality products and excellent customer service.

- **Warranty:** This product comes with a 1-year limited warranty covering quality-related issues from the date of purchase.
- **Technical Support:** Lifetime technical support is available for all maXpeedingrods products.
- **Contact:** For any questions, technical assistance, or warranty claims, please contact maXpeedingrods customer support. Refer to your product packaging or the official maXpeedingrods website for current contact information.

Related Documents - IE54KL

	<p>MAXPEEINGRODS 3-Inch Front/Rear Lift Kit Installation for Jeep Grand Cherokee WK (2005-2010)</p> <p>Installation instructions for the MAXPEEINGRODS 3-inch front and rear lift kit designed for Jeep Grand Cherokee WK models from 2005 to 2010. Includes parts list and step-by-step guidance.</p>
	<p>Jeep Liberty/Cherokee Leveling Lift Kit Installation Instructions</p> <p>Detailed installation instructions for the maXpeedingrods 2-inch front leveling lift kit designed for Jeep Liberty KJ KK (2002-2012) and Dodge Nitro (2007-2012) SUVs. Includes product information, kit contents, step-by-step assembly, and maintenance recommendations.</p>
	<p>maXpeedingrods Crossover Steering Kit Installation Instructions for Jeep XJ/TJ/ZJ/LJ</p> <p>Detailed installation guide for the maXpeedingrods Crossover Steering Kit, designed for Jeep XJ, TJ, ZJ, and LJ models. Learn how to upgrade your vehicle's steering for increased clearance and performance with step-by-step instructions and part details.</p>
	<p>Ford F250/F350 4WD Leveling Lift Kit Installation Instructions</p> <p>Comprehensive installation guide for the maXpeedingrods 2.5" Leveling Lift Kit, designed for Ford F250, F350, and F450 4WD Super Duty trucks (2011-2022). This document details kit contents and provides step-by-step instructions for front end installation.</p>



[MAXPEEDINGRODS Air Spring Kit Installation Guide for GMC Sierra & Chevrolet Silverado](#)

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.



[MAXpeedingRODS Suspension Kit Installation Guide for Ford F-250](#)

Detailed installation guide for the MAXpeedingRODS Rear Suspension Leveling Kit (ABK-TF2501723-VLC) for Ford F-250 2WD 4WD vehicles. Includes pre-installation notices and step-by-step instructions.