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› [maXpeedingrods Front Lower Control Arm Relocation Bracket for Jeep Wrangler JK JKU 2007-2018 with 2-4 inch Lift - Instruction Manual](#)

maXpeedingrods BF34YX

maXpeedingrods Front Lower Control Arm Relocation Bracket

MODEL: BF34YX

For Jeep Wrangler JK JKU 2007-2018 with 2-4 inch Lift

1. PRODUCT OVERVIEW

The maXpeedingrods Front Lower Control Arm Relocation Brackets are designed to optimize the suspension geometry of your Jeep Wrangler JK or JKU after installing a 2-4 inch lift kit. These brackets help restore proper control arm angles, which is crucial for maintaining vehicle handling and control in lifted applications. They also provide multiple height options for caster adjustment, allowing for precise alignment correction.



Image 1.1: Two maXpeedingrods front lower control arm relocation brackets.



Image 1.2: The brackets feature a high-strength material and an anti-corrosion surface for durability.

2. FITMENT

These front lower control arm relocation brackets are specifically designed for:

- 2007-2018 Jeep Wrangler JK (2-Door models)
- 2007-2018 Jeep Wrangler JKU (4-Door models)
- Vehicles with a 2-4 inch suspension lift.

3. PACKAGE CONTENTS

The package includes the following components:

- 2 x Front Lower Control Arm Relocation Brackets
- High-grade mounting hardware (bolts, washers, nuts)

What's In The Box



Image 3.1: Included components: two relocation brackets and all necessary hardware.

4. SETUP AND INSTALLATION

Installation of these relocation brackets requires mechanical knowledge and specialized tools. **Professional installation is highly recommended** to ensure proper fitment, safety, and optimal performance. No specific instructions are included in the package; however, general steps typically involve:

1. Securely lift the vehicle and support it on jack stands.
2. Remove the existing front lower control arms from their frame mounts.
3. Position the new relocation brackets onto the frame, aligning with existing bolt holes.
4. Secure the brackets using the provided high-grade hardware, ensuring all bolts are torqued to manufacturer specifications.
5. Reattach the front lower control arms to the new mounting points on the relocation brackets.
6. Perform a full suspension cycle to check for clearance and proper articulation.
7. After installation, a professional alignment is necessary to correct caster and other suspension angles.

Installation Video Reference

The following video provides a general overview of a suspension lift kit installation for a Jeep JK, which may include components similar to these control arm relocation brackets. This video is for reference and demonstration purposes only. Always refer to professional guidance for specific installation procedures.

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Video 4.1: Official maXpeedingrods video demonstrating a suspension lift kit installation for Jeep JK. This video provides visual context for component placement and general installation steps.

Another official maXpeedingrods video showcasing upgraded control arms, which may offer additional visual context for suspension component interaction:

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Video 4.2: Official maXpeedingrods video highlighting upgraded control arms. This video can help visualize the components and their function within the suspension system.

5. CASTER ADJUSTMENT

The relocation brackets feature multiple mounting holes, providing several height options for additional caster adjustment. Caster is a critical alignment angle that affects steering stability and return-to-center feel. By adjusting the control arm mounting points, these brackets help correct the vehicle's caster angle, which is often negatively impacted by suspension lifts.

6. IMPROVE CONTROL

By relocating the lower control arm mounting points, these brackets help maintain the control arms at angles closer to their factory specifications even after a lift kit is installed. This restoration of factory geometry is essential for improving overall vehicle handling, stability, and control, especially on lifted applications where original angles can lead to unpredictable steering and ride characteristics.

7. SPECIFICATIONS

Feature	Specification
Brand	maXpeedingrods
Model Number	BF34YX
Material	Alloy Steel
Finish Type	Powder Coated
Color	Gray
Item Weight	15.87 pounds (7200 Grams)
Product Dimensions (L x W x H)	15.83 x 11.3 x 6.65 inches
Unit Count	2.0 Count

8. MAINTENANCE

To ensure the longevity and continued performance of your maXpeedingrods Front Lower Control Arm Relocation Brackets, regular inspection and maintenance are recommended:

- **Regular Inspection:** Periodically check all mounting hardware for tightness. Vibrations and off-road use can cause bolts to loosen over time.
- **Corrosion Check:** Inspect the powder-coated surface for any signs of damage or corrosion, especially after exposure to harsh weather conditions or road salts. Address any damage promptly to prevent further degradation.
- **Cleaning:** Clean the brackets and surrounding suspension components regularly to remove dirt, mud, and debris that can accumulate and potentially cause wear or corrosion.
- **Professional Check-ups:** It is advisable to have a professional mechanic inspect your suspension system, including these brackets, during routine vehicle maintenance or after significant off-road activity.

9. TROUBLESHOOTING

If you experience any issues after installing the control arm relocation brackets, consider the following:

- **Steering Instability or Poor Handling:** This often indicates incorrect caster or other alignment issues. Ensure a professional alignment has been performed after installation. Verify that the control arms are mounted in the correct holes for your lift height.
- **Unusual Noises:** Check all mounting points for proper torque. Loose hardware can cause clunking or rattling sounds. Inspect for any contact between suspension components or the brackets and other vehicle parts.
- **Difficulty with Installation:** If bolt holes do not align easily, do not force components. Re-check fitment for your specific vehicle year and lift height. Sometimes minor adjustments or professional assistance may be required.


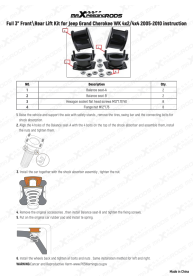



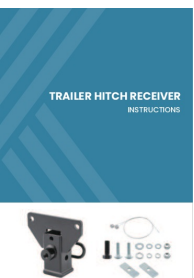
For persistent issues, it is recommended to consult a qualified mechanic or contact maXpeedingrods customer support.

10. WARRANTY AND SUPPORT

maXpeedingrods provides comprehensive support for its products:

- **Warranty:** A 1-year limited warranty covers quality-related issues from the date of purchase.
- **Technical Support:** Lifetime technical support is available for all maXpeedingrods products.

If you have any questions, require technical assistance, or need to address a warranty claim, please contact maXpeedingrods customer support directly through their official channels or the retailer where the product was purchased.

	<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 3-Inch Front/Rear Lift Kit Installation for Jeep Grand Cherokee WK (2005-2010)</p> <p>Installation instructions for the MAXPEEDINGRODS 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>MAXpeedingRODS Dual Steering Stabilizer Installation Guide for Jeep XJ, MJ, TJ</p> <p>Comprehensive installation instructions for the MAXpeedingRODS Dual Steering Stabilizer kit, designed for Jeep Cherokee XJ, Comanche MJ, and Wrangler TJ models. Includes fitment, kit contents, step-by-step assembly, and maintenance tips.</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>
	<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>Trailer Hitch Receiver Installation Instructions for Jeep Gladiator</p> <p>Step-by-step instructions for installing a maXpeedingrods Class 3 Trailer Hitch Receiver on a Jeep Gladiator (2019-2023). Includes kit contents and important notes on usage and maintenance.</p>