

maXpeedingrods RT67UN

maXpeedingrods Adjustable Front Upper Control Arms Instruction Manual

Model: RT67UN

Important: Read this manual completely before installation and use.

1. INTRODUCTION

This instruction manual provides essential information for the installation, operation, and maintenance of your maXpeedingrods Adjustable Front Upper Control Arms. These control arms are designed to enhance the suspension performance and geometry of compatible Jeep models, especially those with 0-8 inches of suspension lift.

Proper installation and maintenance are crucial for the safety and longevity of your vehicle's suspension system. Please follow all instructions carefully.

2. PRODUCT OVERVIEW AND FEATURES



Image: Two orange maXpeedingrods adjustable front upper control arms, with blue polyurethane bushings, and two silver metal sleeves. These are the primary components of the product.

Durable Material



Image: A diagram illustrating the durable construction of the control arm, pointing out the high-strength carbon steel material and the anti-corrosion surface finish.

Key Features:

- Adjustable Length:** Front upper control arms are adjustable from 14.2 inches to 18 inches (360-455 mm). This adjustability allows for precise alignment and suspension geometry correction.
- Lift Compatibility:** Designed to be compatible with both stock vehicle height and vehicles with up to 8 inches of suspension lift.
- Enhanced Performance:** Corrects suspension geometry, which contributes to improved handling, reduced bump steer, and prevention of uneven tire wear, especially after lifting the vehicle.
- Durable Construction:** Manufactured from strong steel with a powder-coated finish to resist rust and corrosion, suitable for various driving conditions, including off-road use.
- Upgraded Bushings:** Features polyurethane bushings, which are more wear-resistant and durable compared to standard rubber bushings, providing more responsive handling.

3. FITMENT INFORMATION

These adjustable front upper control arms are designed for specific Jeep models and years:

- **Jeep Wrangler TJ:** 1997-2006
- **Jeep Cherokee XJ:** 1984-2001
- **Jeep Grand Cherokee ZJ:** 1993-1998
- **Jeep Grand Cherokee WJ:** 1999-2004



Image: A visual representation of the compatible Jeep models and their respective year ranges, confirming the fitment details.

4. WHAT'S IN THE Box

Upon opening the package, you should find the following components:

- 2 x Front Upper Control Arms (Orange)
- 2 x Spare Sleeves
- Installation Manual (PDF available online)

What's In The Box



2 x Front upper control arms



2 * Spare sleeves



About
maXpeedingrods



Installation Manual



1x Sticker

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Image: An illustration detailing the package contents, including the two orange control arms, two metal sleeves, and accompanying documentation.

5. INSTALLATION

Warning: Professional installation is highly recommended. Improper installation can lead to vehicle damage, loss of control, and serious injury.

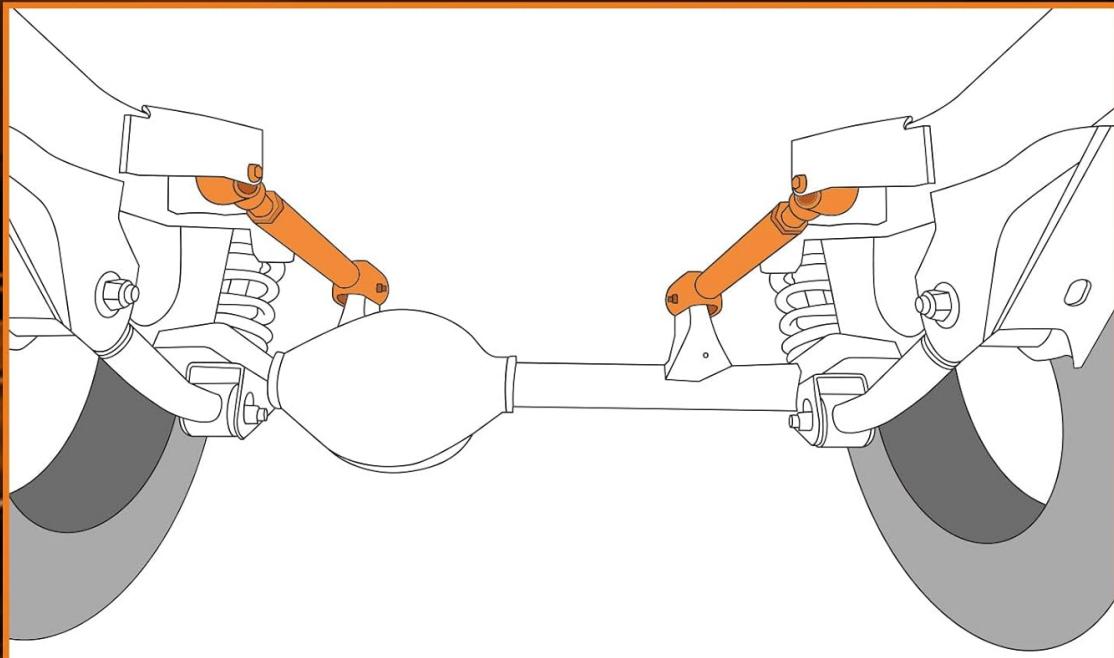
For detailed installation steps, please refer to the official Installation Manual PDF provided by maXpeedingrods. You can typically find this document on the product's listing page or by contacting customer support.

General Installation Considerations:

- Ensure the vehicle is securely supported on jack stands or a lift before beginning any work.
- Always wear appropriate personal protective equipment, including safety glasses and gloves.
- The adjustable nature of these control arms requires careful measurement and adjustment to achieve correct suspension geometry, especially on lifted vehicles.

- Some users have reported tight fitment on the axle side, potentially requiring minor adjustments or shims. Ensure all components fit correctly and without excessive force.
- Verify that all bolts are of appropriate length and diameter for secure fastening. Some applications may require new bolts if the factory ones are too short or the bushing sleeve diameter differs.
- After installation, a professional alignment is strongly recommended to ensure proper vehicle handling and tire wear.

Adjustable for 0-8" Lifted Suspension



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Image: A schematic diagram illustrating the placement and function of adjustable control arms on a vehicle's front axle, demonstrating their role in suspension geometry.

6. OPERATION

Once properly installed and aligned, the maXpeedingrods Adjustable Front Upper Control Arms will contribute to:

- **Improved Handling:** By correcting suspension geometry, the vehicle's steering response and overall

stability are enhanced.

- **Reduced Bump Steer:** Minimizes unwanted steering input when the suspension compresses or extends over uneven terrain.
- **Even Tire Wear:** Proper alignment achieved through adjustment helps prevent premature and uneven wear of tires.
- **Enhanced Off-Road Performance:** Maintains optimal suspension articulation and control during off-road driving.

Regularly inspect the control arms and bushings for any signs of wear or damage, especially after off-road excursions.

7. MAINTENANCE

To ensure the longevity and optimal performance of your control arms, follow these maintenance guidelines:

- **Regular Inspection:** Periodically inspect the control arms, bushings, and mounting hardware for any signs of wear, damage, looseness, or corrosion. Pay close attention to the polyurethane bushings for cracks or deterioration.
- **Cleaning:** Clean the control arms regularly, especially after driving in muddy or corrosive environments, to prevent buildup that could accelerate wear or corrosion.
- **Torque Check:** Re-check the torque of all mounting bolts after the first 500 miles of driving and periodically thereafter, especially after off-road use. Refer to your vehicle's service manual for specific torque specifications.
- **Bushing Care:** While polyurethane bushings are durable, they may benefit from occasional lubrication with a compatible grease to prevent squeaking and extend their lifespan. Consult with a professional if unsure.

Upgraded PU Bushing



VS



Rubber Bushing
Quick to wear out

PU Bushing
More wear-resistant

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Image: A visual comparison highlighting the difference between a standard rubber bushing (prone to quick wear) and an upgraded polyurethane (PU) bushing (more wear-resistant), emphasizing the durability of the latter.

8. TROUBLESHOOTING

If you encounter issues after installation, consider the following common problems and solutions:

- **Tight Fitment on Axle Side:** Some users have reported that the fork end of the control arm may be wider than the stock bushing on the axle, requiring shims or resizing for proper fit. Ensure the bushing sleeve diameter matches the bolt or use appropriate washers to eliminate play.
- **Factory Bolts Too Short:** If the factory bolts are too short due to the new control arm's dimensions, new, longer bolts of the correct grade and thread pitch must be sourced and used.
- **Clunking Noises:** Clunking can indicate loose hardware, improper torque, or excessive play in bushings. Re-check all mounting bolts for correct torque. Inspect bushings for damage or improper seating.
- **Alignment Issues/Uneven Tire Wear:** This is often a result of incorrect adjustment of the control arm

length or a missed professional alignment after installation. Ensure the control arm length is set according to your vehicle's lift height and have a professional alignment performed.

- **Frozen Jam Nut:** If a jam nut is difficult to adjust, apply penetrating oil and allow it to soak. Avoid excessive force that could damage the threads.

If problems persist, contact maXpeedingrods customer support or consult a qualified automotive technician.

9. SPECIFICATIONS

Attribute	Detail
Brand	maXpeedingrods
Model Number	RT67UN
Auto Part Position	Front Upper
Color	Orange
Material	Alloy Steel
Adjustable Length Range	14.2" to 18" (360-455 mm)
Lift Compatibility	0-8" Lift
Bushing Type	Polyurethane
Item Weight	14.66 pounds
Product Dimensions	26.97 x 7.95 x 5.12 inches

10. WARRANTY AND SUPPORT

maXpeedingrods is committed to customer satisfaction and product quality.

- **Warranty:** A 1-year limited warranty is provided for quality-related issues from the date of purchase.
- **Technical Support:** Lifetime technical support is available to assist with any questions or issues you may encounter.
- **Customer Service:** 24/7 customer support is offered. Please feel free to contact maXpeedingrods directly for assistance.

For warranty claims or technical assistance, please have your purchase details and product model number (RT67UN) ready when contacting support.

