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› maXpeedingrods 7500 lbs Air Suspension Bags Kit for Ford F-250 F-350 F-450 Super Duty 4WD 2017-2019 Air Helper Spring Kit
Instruction Manual

maXpeedingrods OP07

Instruction Manual

MAXPEEDINGRODS 7500 LBS AIR SUSPENSION BAGS KIT

Model: OP07

Product Overview

The maXpeedingrods 7500 lbs Air Suspension Bags Kit is designed to enhance the towing and hauling capabilities of your Ford F-250, F-350, or F-450 Super Duty 4WD truck. This air helper spring kit provides additional support to your vehicle's suspension, ensuring a level stance and improved stability when carrying heavy loads or towing trailers.

Key features include:

- **Reliable Performance:** Double-bellows air springs offer greater leveling strength at lower pressures, reducing strain on leaf springs.
- **Practical Installation:** Designed for bolt-on installation with no drilling or modification required.
- **Durable Construction:** Made from high-quality alloy steel with a powder-coated finish for longevity.
- **Enhanced Vehicle Stability:** Helps maintain proper vehicle height, improves ride comfort, and enhances handling performance.



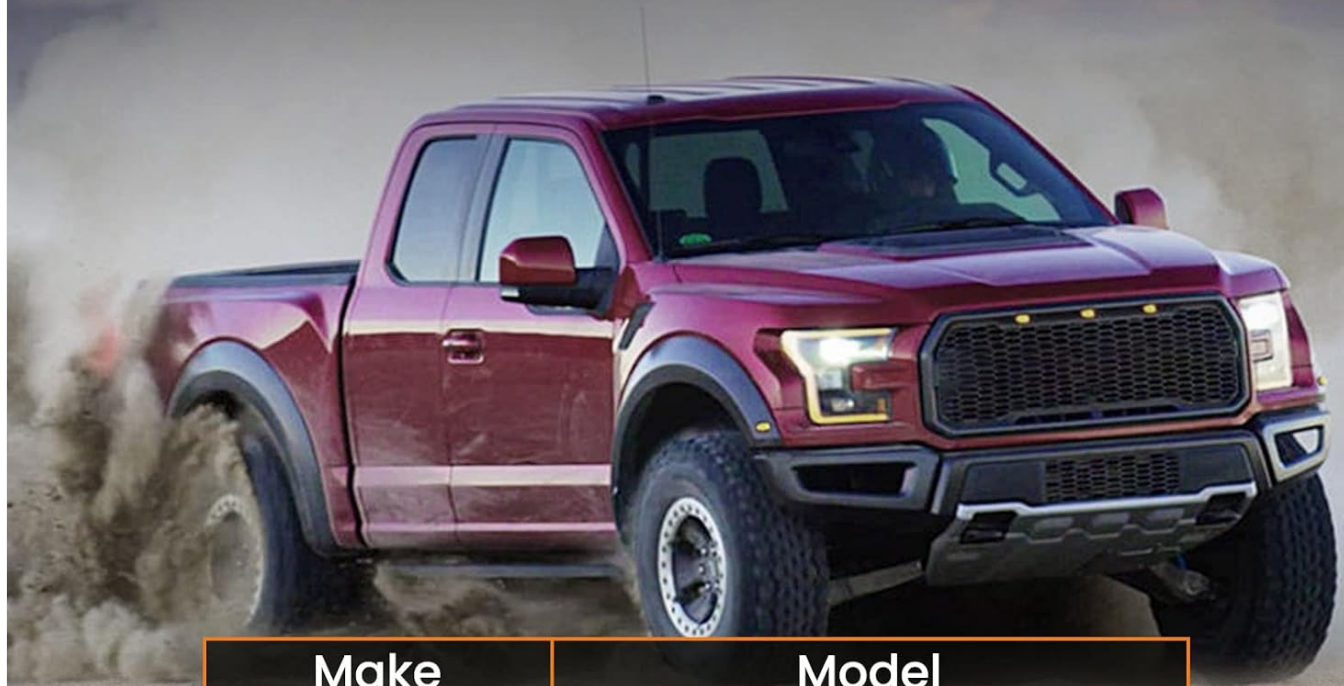
Compatibility

This air bag suspension kit is specifically designed for the following Ford Super Duty 4WD models:

- Ford F-250: 2017-2019
- Ford F-350: 2017-2019
- Ford F-450: 2017-2022

Important Note: This kit is compatible with 4WD models that have a factory in-bed hitch system only. It is *not* suitable for Commercial chassis models.

COMPATIBILITY



Make	Model
For Ford	F-250 Super Duty 4 Wheel Drive
For Ford	F-350 Super Duty 4 Wheel Drive
For Ford	F-450 Super Duty 4 Wheel Drive

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Figure 2: Vehicle compatibility details for the air suspension kit.

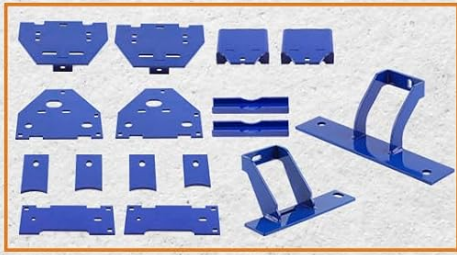
The image illustrates a Ford F-Series truck and a table detailing the compatible makes and models, specifically Ford F-250, F-350, and F-450 Super Duty 4 Wheel Drive.

Package Contents

Upon opening the package, verify that all the following components are present:

- 2x Heavy Duty Double Bellow Air Ride Suspension Bags
- 6x Upper and Lower Mounting Brackets (blue, powder-coated)
- Air Line (black hose)
- Roll Plates
- All necessary Hardware (bolts, nuts, washers, air fittings, zip ties)
- Installation Manual (PDF available for download)

PACKAGE CONTENTS



Upper and Lower mounting brackets



Roll plates



Air line



Air bags

Installation manual



Hardware kit

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Figure 3: Contents of the maXpeedingrods air suspension kit.

This image provides a clear layout of all items included in the kit, categorized into upper and lower mounting brackets, roll plates, air line, air bags, and a comprehensive hardware kit, along with a visual of the installation manual.

Setup and Installation

The maXpeedingrods air suspension kit is designed for a straightforward bolt-on installation, requiring no drilling or permanent modifications to your vehicle. For detailed, step-by-step instructions, please refer to the official Installation Manual (PDF) provided with your kit or available for download from the product page.

Key Installation Considerations:

- Ensure the vehicle is properly supported and secured before beginning installation.
- All components, especially the air bags, should be handled with care to prevent damage.
- Utilize the provided Dacromet-plated bolts, which offer exceptional corrosion resistance and heat durability, ensuring a secure and lasting fit.
- Proper routing and securing of the air lines are crucial to prevent chafing or damage.

- After installation, perform a thorough air-tightness inspection to ensure no leaks are present in the air spring bags or connections.



Figure 4: Detailed view of the 7-inch double-bellows air spring.

This image highlights the robust design of the double-bellows air spring, emphasizing its 7-inch size and providing technical dimensions for reference.

Your browser does not support the video tag.

Video 1: "Buy With Confidence - maXpeedingrods Air Helper Spring Kits".

This video provides an overview of the benefits of installing towing air spring kits, highlights the quality and manufacturing process of maXpeedingrods air spring bags, including material quality and air-tightness inspection, and showcases snippets of the installation process and the product in use.

For the complete installation guide, please download the [Installation Manual \(PDF\)](#).

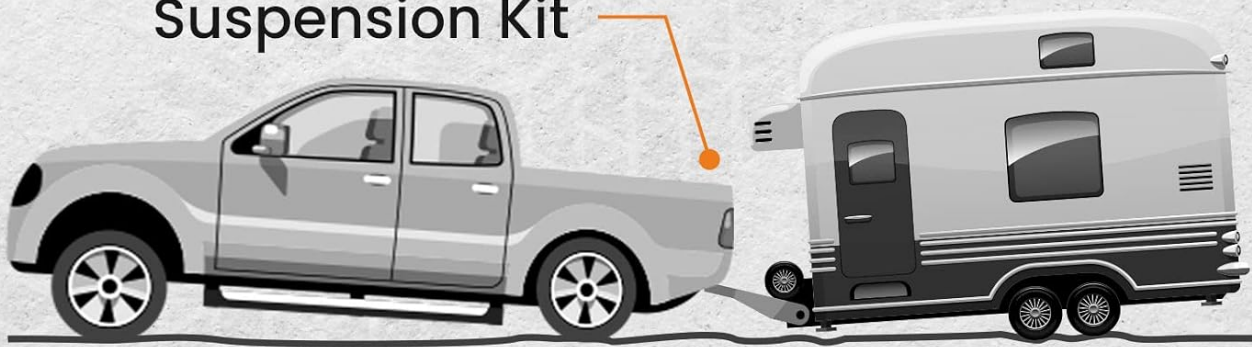
Operating Principles and Benefits

The primary function of the maXpeedingrods air suspension kit is to maintain your vehicle's level and balanced stance, especially when subjected to heavy loads or towing. The double-bellows air springs work by providing adjustable air pressure to support the rear of your truck, counteracting sag and improving overall vehicle dynamics.

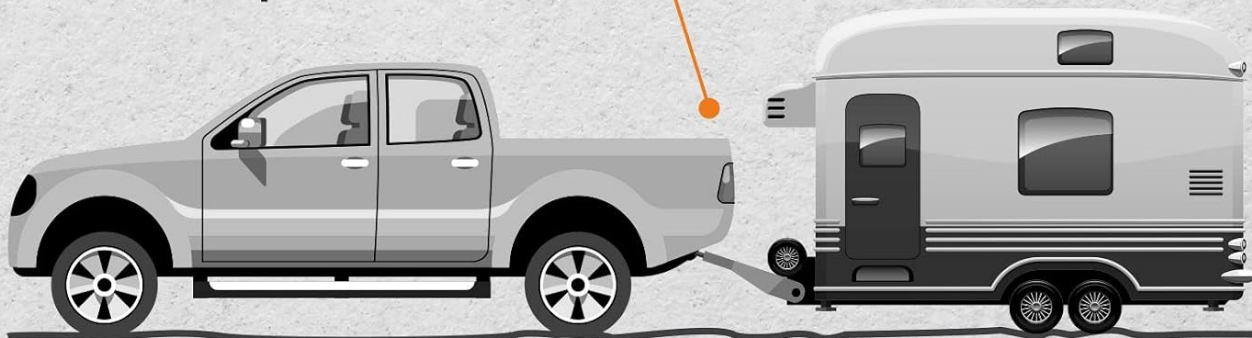
Benefits of using this air helper spring kit include:

- **Prevents Unbalanced Loads:** Keeps the vehicle level, distributing weight more evenly.
- **Reduces Bottoming Out:** Provides additional cushioning to prevent the suspension from hitting its limits.
- **Keeps Headlights Level:** Maintains proper headlight aim, improving visibility and safety.
- **Increases Ride Comfort:** Smooths out the ride, especially over rough terrain or with heavy loads.
- **Improves Steering Control and Braking:** A level vehicle offers better handling and more effective braking.
- **Preserves Tires:** Reduces uneven tire wear caused by excessive sag.
- **Eliminates Sag:** Restores the vehicle's original ride height under load.
- **Stable Performance:** Engineered for consistent and reliable operation.
- **Less Noise:** Contributes to a quieter ride by reducing suspension harshness.
- **Reduced Tire Wear:** Promotes even tire contact with the road.

Before Loading the Air
Suspension Kit



After Loading the Air
Suspension Kit



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Figure 5: Visual comparison of a truck's stance before and after loading with the air suspension kit.

This diagram clearly illustrates how the air suspension kit prevents rear-end sag when a heavy load or trailer is attached, maintaining a level vehicle profile.



Figure 6: Additional performance benefits of the air suspension kit.

This image highlights three key advantages: stable performance, reduced noise, and decreased tire wear, all contributing to a better driving experience.

Maintenance

To ensure the longevity and optimal performance of your maXpeedingrods air suspension system, regular maintenance is recommended:

- **Regular Inspection:** Periodically inspect the air bags, air lines, and all mounting hardware for any signs of wear, damage, or corrosion.
- **Check Air Pressure:** Maintain the recommended air pressure in the air springs as specified in the installation manual. Over-inflation or under-inflation can affect performance and durability.
- **Clean Components:** Keep the air bags and surrounding components free from dirt, debris, and harsh chemicals that could degrade the rubber material.
- **Leak Detection:** If you suspect an air leak, use a soapy water solution to spray on connections and the air bag surface. Bubbles will indicate a leak.

Troubleshooting

If you encounter issues with your air suspension kit, consider the following troubleshooting steps:

- **Loss of Air Pressure:**
 - Check all air line connections for tightness.
 - Inspect air lines for kinks, cuts, or punctures.
 - Perform a soapy water test on the air bags and fittings to identify leaks.
 - Ensure the air compressor (if applicable) is functioning correctly.
- **Uneven Vehicle Height:**
 - Verify that both air bags are inflated to the same pressure.
 - Check for obstructions or damage to the suspension components on one side.
- **Excessive Noise:**
 - Ensure all mounting hardware is securely tightened.
 - Check for any components rubbing against each other.

If problems persist after attempting these steps, please contact maXpeedingrods customer service for further assistance.

Specifications

Feature	Specification
Brand	maXpeedingrods
Model Number	OP07
Vehicle Service Type	Truck
Material	Alloy Steel
Finish Type	Powder Coated
Pull Force / Maximum Towing Capacity	7500 Pounds
Item Weight	57.2 pounds
Product Dimensions	18.11 x 12.99 x 11.42 inches

TESTED MORE THAN 3 MILLION TIMES



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Figure 7: Durability testing of the air spring.

This image emphasizes the rigorous testing undergone by the air springs, indicating they have been tested over 3 million times to ensure reliability and longevity.

Warranty and Support

maXpeedingrods stands behind the quality of its products. This air suspension kit comes with a comprehensive warranty and dedicated customer support:

- **Warranty:** maXpeedingrods warrants its products against manufacturing defects under normal use for **1 year** from the date of purchase.
- **Technical Support:** Lifetime technical support is provided for all maXpeedingrods products.
- **Customer Service:** For any questions, concerns, or assistance, please feel free to contact maXpeedingrods customer service. Responses are typically provided within 12 hours.

For direct support, refer to the contact information provided in your product packaging or on the official maXpeedingrods website.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

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.

Submit question