

[Manuals.plus](#) /

› [maXpeedingrods](#) /

› maXpeedingrods Coilover Height Adjustable Shock Absorber Struts Instruction Manual

maXpeedingrods MK48

maXpeedingrods Coilover Height Adjustable Shock Absorber Struts

For Ford F-150 2004-2008 RWD & Mark LT 2006-2008 RWD

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your maXpeedingrods Coilover Height Adjustable Shock Absorber Struts. These coilovers are designed to enhance the suspension performance and adjustability of your Ford F-150 (2004-2008 RWD) or Mark LT (2006-2008 RWD) vehicle. Please read this manual thoroughly before beginning any installation or adjustment procedures.

2. SAFETY INFORMATION

WARNING: Professional installation is highly recommended. Improper installation or adjustment can lead to serious injury or vehicle damage.

- Always wear appropriate personal protective equipment, including safety glasses and gloves, during installation.
- Ensure the vehicle is securely supported on jack stands on a level surface before working underneath it. Never rely solely on a jack.
- Refer to your vehicle's service manual for specific torque specifications and procedures.
- Do not modify the coilovers or any suspension components.
- Keep hands and clothing clear of moving parts.

3. PACKAGE CONTENTS

Please verify that all components are present and undamaged upon opening the package:

- 2 x Front Coilover Assemblies
- 2 x Rear Shock Absorbers (use original springs)
- 2 x Adjustment Wrenches



Image: Complete set of maXpeedingrods coilovers and shock absorbers, including front coilover assemblies and rear shock absorbers, along with adjustment wrenches.



Image: A comprehensive view of the maXpeedingrods suspension kit, showing all four pieces: two front coilovers and two rear shock absorbers.

4. SETUP AND INSTALLATION

This section outlines the general steps for installing the maXpeedingrods coilovers. Specific vehicle procedures may vary. Always consult a professional mechanic or your vehicle's service manual for detailed instructions.

4.1 Pre-Installation Checks

- Ensure the vehicle is compatible: Ford F-150 2004-2008 RWD, Mark LT 2006-2008 RWD.
- Inspect all components for any shipping damage or manufacturing defects.
- Gather all necessary tools, including a jack, jack stands, wrenches, sockets, and a torque wrench.

4.2 Installation Steps (General)

1. Safely lift the vehicle and support it with jack stands. Remove the wheels.
2. Carefully remove the original shock absorber/strut assembly. This typically involves disconnecting brake lines, ABS sensors, and unbolting the top and bottom mounts.
3. For front coilovers: Install the new maXpeedingrods coilover assembly. Ensure the top mount aligns correctly with the vehicle's mounting points.
4. For rear shocks: Install the new maXpeedingrods shock absorbers. Note that these units are designed to be used with your original rear springs.
5. Secure all bolts to the manufacturer's specified torque settings.
6. Reattach any disconnected lines or sensors.
7. Reinstall the wheels and carefully lower the vehicle.
8. After installation, it is highly recommended to have a professional wheel alignment performed.



Image: Two maXpeedingrods front coilover assemblies, ready for installation.



Image: Two maXpeedingrods rear shock absorbers, designed to work with the vehicle's original springs.

5. OPERATING AND ADJUSTMENT

Your maXpeedingrods coilovers offer adjustability to fine-tune your vehicle's ride and handling characteristics.

5.1 Height Adjustment

The front coilover assemblies feature threaded bodies for height adjustment. Use the provided adjustment wrenches to rotate the lower spring perch to raise or lower the vehicle. Ensure both sides are adjusted equally to maintain proper vehicle balance.



Image: A detailed view of a single maXpeedingrods coilover, highlighting the threaded body for height adjustment.



Image: A close-up showing the spring and the threaded body of the coilover, where height adjustments are made using the included wrenches.

5.2 Damping Adjustment

While specific damping adjustment features vary by series, maXpeedingrods coilovers are designed with advanced damper technology for improved performance. Refer to the product specifications or contact maXpeedingrods support for details on damping adjustability for your specific model (MK48).

Video: An official maXpeedingrods video showcasing the manufacturing process and features of their Advanced T7 Series Coilovers, including details on material quality, damper technology, and spring rate settings.

6. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your coilovers.

- **Regular Inspection:** Periodically inspect the coilovers for any signs of leaks, damage, or loose components.
- **Cleaning:** Keep the coilovers clean, especially the threaded sections, to prevent dirt and debris from affecting adjustment.
- **Torque Checks:** Re-check all mounting bolts for proper torque after the first 500 miles of driving and periodically thereafter.
- **Corrosion Prevention:** In areas with harsh weather or road salt, consider applying a protective coating to exposed metal parts.

7. TROUBLESHOOTING

If you experience issues with your maXpeedingrods coilovers, consider the following common problems and solutions:

- **Uneven Ride Height:** Ensure both left and right coilovers are adjusted to the same height. Measure from a consistent point on the chassis to the ground.
- **Unusual Noises (Clunking/Squeaking):** Check all mounting bolts for proper tightness. Inspect for any loose components or contact between the coilover and other vehicle parts.
- **Poor Ride Quality:** Verify that the spring rate is appropriate for your vehicle and intended use. Ensure proper installation and alignment.
- **Leaking Shock Absorber:** A small amount of oil residue is normal, but significant oil leakage indicates a seal failure. Contact customer support for assistance.

If problems persist, consult a qualified automotive technician.

8. SPECIFICATIONS

Feature	Detail
Manufacturer	maXpeedingrods
Brand	maXpeedingrods
Item Weight	53 pounds
Product Dimensions	27.95 x 20.08 x 8.27 inches
Exterior Material	Aluminum
Manufacturer Part Number	MK48
OEM Part Numbers	4L3Z18124AA, 4L3Z18124BB, 4L3Z18124CA
Position	Front
Spring Rate (Front)	15Kg/mm
Structure	Twin-tube with pillow ball top mounts (front), no top mounts (rear - use original spring)
Material Quality	6061 aluminum alloy with T6 for increased hardness

9. WARRANTY AND SUPPORT

maXpeedingrods products are designed for quality and performance. For warranty information, technical support, or any inquiries regarding your product, please contact maXpeedingrods directly through their official website or the retailer from whom you purchased the product. Keep your proof of purchase for warranty claims. Visit the official maXpeedingrods store for more information:[maXpeedingrods Store](#)

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

Open the live page

<https://manuals.plus/asin/B07KWMH47D>

More documents and user manuals: <https://manuals.plus/>