

## VEVOR LK-FO-01AB

# VEVOR 2 Inch Front Leveling Lift Kit Instruction Manual

Model: LK-FO-01AB

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your VEVOR 2 Inch Front Leveling Lift Kit. This kit is designed to raise the front of your vehicle by 2 inches, enhancing its appearance and ground clearance. Please read this manual thoroughly before installation and retain it for future reference.



Image 1: Visual comparison of a truck before and after installing the 2-inch front leveling lift kit, illustrating the increased front ride height.

## 2. PRODUCT FEATURES

- **Wide Compatibility:** This leveling lift kit fits 2004-2025 F150 (2WD/4WD), 2003-2018 Expedition, and 2005-2008 Lincoln Mark LT. It is not compatible with 2021+ models with CCD system. It precisely matches OEM structure.

- **2-Inch Front Lift:** Our leveling kit includes two bottom strut spacers and high-strength bolts to raise the front chassis. Spacer thickness does not equal actual lift height—final lift varies by suspension geometry.
- **Easy Installation:** The level kit is CNC-machined for high precision and accurate alignment with suspension hole position. It simplifies installation and ensures a tight fit. A 4-wheel alignment is recommended after setup for optimal performance.
- **Heavy-Duty Build:** This chassis leveling lift kit is crafted from forged aluminum alloy with an anodized finish for enhanced corrosion resistance and durability. It delivers safe, stable performance even in extreme conditions.
- **Off-Road Upgrade:** Ideal for off-roaders, our chassis level kit meets their needs for both style and performance upgrades. It boosts ground clearance, absorbs bumps, and enhances handling over rugged terrain while improving driving comfort.



Image 2: The VEVOR leveling lift kit spacers, showcasing their robust forged aluminum alloy construction and corrosion-resistant anodized coating, designed for durability.

### 3. COMPATIBILITY

This VEVOR 2 Inch Front Leveling Lift Kit is specifically designed for the following vehicle models:

- 2004-2025 Ford F150 (2WD/4WD)
- 2003-2018 Ford Expedition
- 2005-2008 Lincoln Mark LT

**Important Note:**

- Not compatible with 2021+ models equipped with a CCD (Continuously Controlled Damping) system.



Image 3: A visual guide detailing the specific Ford F150, Expedition, and Lincoln Mark LT models that are compatible with this leveling lift kit, along with a clear exclusion for newer models with CCD systems.

## 4. PACKAGE CONTENTS

Your VEVOR 2 Inch Front Leveling Lift Kit package includes the following items:

- 2 x Bottom Strut Spacers
- 6 x Hex Socket Bolts (M10 x 40)
- 6 x Self-Locking Nuts (M10)
- 6 x Flat Washers (M10)
- 6 x Spring Washers (M10)
- 1 x User Manual

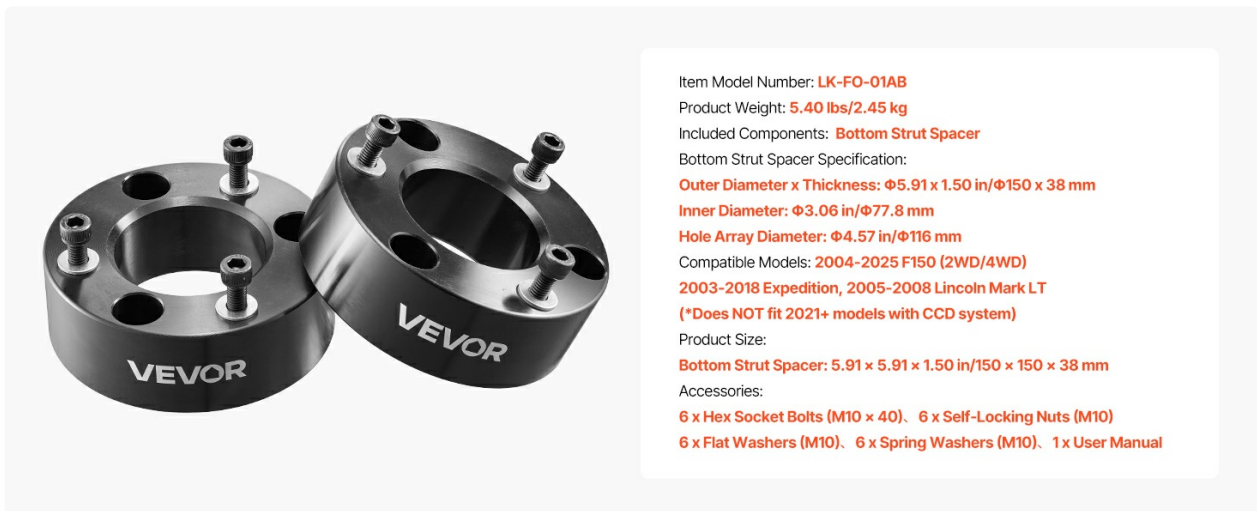


Image 4: Detailed view of the kit's components, including two strut spacers with their dimensions, and a comprehensive list of all hardware and compatible vehicle models.

## 5. SAFETY INFORMATION

### WARNING:

- Professional installation is highly recommended. Improper installation can lead to vehicle damage or serious injury.



- Always use appropriate safety gear, including eye protection and gloves, during installation.
- Ensure the vehicle is securely supported on jack stands before beginning any work. Never rely solely on a jack.
- Do not exceed the recommended lift height.
- After installation, a professional 4-wheel alignment is mandatory to prevent premature tire wear and ensure proper vehicle handling.
- Regularly inspect all components for wear or damage.

## 6. SETUP AND INSTALLATION

The VEVOR 2 Inch Front Leveling Lift Kit is designed for a straightforward, bolt-on installation without the need for drilling. However, familiarity with vehicle suspension systems is crucial. If you are not confident in your ability to perform this installation, seek professional assistance.

### Key Installation Points:

- The spacers are CNC-machined for high precision, ensuring accurate alignment with existing suspension hole positions.
- The kit utilizes high-strength bolts for secure fastening.
- Remember that the spacer thickness (1.5 inches) does not directly equate to the actual lift height (2 inches) due to suspension geometry.

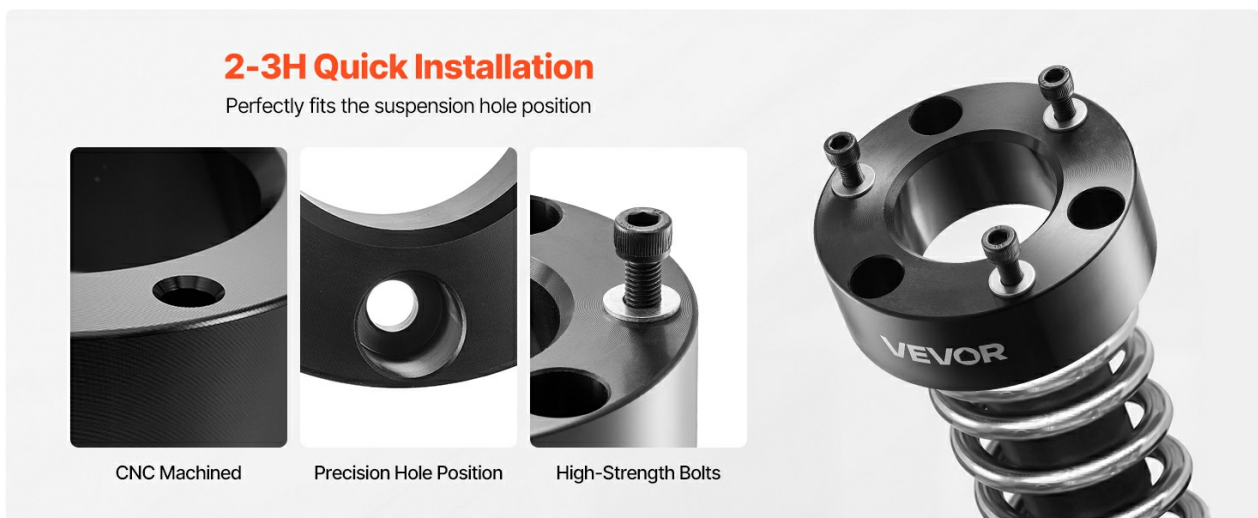


Image 5: This image illustrates the precision engineering of the strut spacers, emphasizing accurate hole positioning, CNC machining, and the use of high-strength bolts for a direct, no-drilling installation.

### Installation Video Reference:

For a visual guide on installing a similar leveling lift kit, please refer to the video below. While this video may feature a slightly different lift height or vehicle, the general installation principles and steps for strut spacers are applicable.

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Video 1: An installation guide for a VEVOR leveling lift kit. This video demonstrates the process of installing front strut spacers, providing visual steps that are generally applicable to the 2-inch kit, though specific vehicle models or lift heights may vary. Additionally, a short preview video demonstrating an F150 2-inch leveling lift kit is available:

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Video 2: A brief preview showcasing an F150 2-inch leveling lift kit. This short clip highlights the product and its application, offering a quick visual overview.

## 7. OPERATING CONSIDERATIONS

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After installing the 2-inch front leveling lift kit, your vehicle will experience a change in its stance and handling characteristics. The primary benefits include:

- **Increased Ground Clearance:** This allows for better navigation over obstacles, particularly in off-road conditions.
- **Aggressive Stance:** The leveled front end provides a more balanced and commanding appearance.
- **Accommodation for Larger Tires:** The increased fender clearance may allow for the installation of larger diameter tires.

### Important:

- Always drive cautiously after any suspension modification.
- Be aware of the altered center of gravity, especially during cornering or off-road maneuvers.

## 8. MAINTENANCE

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To ensure the longevity and safe operation of your VEVOR 2 Inch Front Leveling Lift Kit, regular maintenance is recommended:

- **Periodic Inspection:** Regularly check all bolts, nuts, and components for tightness and signs of wear or corrosion. Re-torque fasteners to manufacturer specifications after the first 500 miles and then periodically.
- **Cleanliness:** Keep the spacers and surrounding suspension components free from excessive dirt, mud, and debris.
- **Alignment Checks:** Have your vehicle's alignment checked annually or after any significant impact to maintain proper steering and tire wear.

## 9. TROUBLESHOOTING

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If you encounter any issues after installing your leveling lift kit, consider the following:

- **Uneven Stance:** Double-check that the correct spacers were installed on the appropriate side of the vehicle and that all components are seated correctly. Ensure the vehicle is on a level surface when assessing its stance.
- **Unusual Noises:** Re-inspect all fasteners for proper torque. Check for any components that may be rubbing or interfering with each other.
- **Steering or Handling Issues:** This often indicates a need for a professional 4-wheel alignment. Ensure this was performed after installation.
- **Premature Tire Wear:** This is typically a symptom of incorrect alignment. Have your alignment checked immediately.

For persistent issues, consult a certified automotive technician.

## 10. SPECIFICATIONS

Attribute	Detail
Brand	VEVOR
Model Number	LK-FO-01AB
Auto Part Position	Front
Maximum Lifting Height	2 Inches
Spacer Thickness	1.5 Inches
Material	Forged Aluminum Alloy with Anodized Finish
Item Weight	5.4 pounds (2.45 kg)
Product Dimensions	5.91 x 5.91 x 1.5 inches (150 x 150 x 38 mm)
Outer Diameter x Thickness	Φ5.91 x 1.50 in / Φ150 x 38 mm
Inner Diameter	Φ3.06 in / Φ77.8 mm
Hole Array Diameter	Φ4.57 in / Φ116 mm
UPC	197988337089



Item Model Number: **LK-FO-01AB**

Included Components: **Bottom Strut Spacer**

Bottom Strut Spacer Specification:

**Outer Diameter x Thickness: Φ5.91 x 1.50 in/Φ150 x 38 mm**

**Inner Diameter: Φ3.06 in/Φ77.8 mm、Hole Array Diameter: Φ4.57 in/Φ116 mm**

Compatible Models: **2004-2025 F150 (2WD/4WD)**

**2003-2018 Expedition, 2005-2008 Lincoln Mark LT**

**\*Does NOT fit 2021+ models with CCD system**

Product Weight: **5.40 lbs/2.45 kg**

Product Size: **Bottom Strut Spacer: 5.91 x 5.91 x 1.50 in/150 x 150 x 38 mm**

Accessories:

**6 x Hex Socket Bolts (M10 x 40)、6 x Self-Locking Nuts (M10)、6 x Flat Washers (M10)**

**6 x Spring Washers (M10)、1 x User Manual**

Image 6: Technical drawing illustrating the precise measurements and specifications of the strut spacers, including all critical dimensions for fitment.

## 11. WARRANTY AND SUPPORT

VEVOR products are designed for durability and performance. For specific warranty information regarding your 2 Inch Front Leveling Lift Kit, please refer to the warranty card included in your package or visit the official VEVOR website.

For technical support, installation assistance, or any product-related inquiries, please contact VEVOR customer service through the channels provided on the product packaging or the official VEVOR website.

