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> YHTAUTO 1.5 inch Rear Leveling Lift Kit for 2009-2023 Dodge Ram 1500 (RWD/4WD) Instruction Manual

YHTAUTO YHTSPLK0055

YHTAUTO 1.5 inch Rear Leveling Lift Kit Instruction Manual

Model: YHTSPLK0055

1. PRODUCT OVERVIEW

The YHTAUTO 1.5 inch Rear Leveling Lift Kit is designed to raise the rear of your truck by 1.5 inches, providing a higher driving angle and improved ground clearance. This kit allows for the installation of larger tires, enhancing the vehicle's appearance while maintaining factory ride quality and dampening.

The spacers are constructed from T6 aluminum, ensuring resistance to deformation under pressure. An automatic machining process guarantees high accuracy for easy installation, and an anodized surface provides corrosion resistance.

2. VEHICLE COMPATIBILITY

This leveling lift kit is compatible with the following vehicle models:

- 2011-2023 Dodge Ram 1500 (RWD/4WD only)
- 2009-2010 Dodge Ram 1500 (RWD/4WD only)

Note: This kit is designed for Rear-Wheel Drive (RWD) and Four-Wheel Drive (4WD) models only. It is not compatible with All-Wheel Drive (AWD) models.

3. SAFETY PRECAUTIONS

Vehicle suspension modifications require specialized knowledge and tools. Improper installation can lead to serious injury or vehicle damage. Please adhere to the following safety guidelines:

- **Professional Installation Recommended:** If you are not qualified or lack the necessary skills, consult a professional technician for installation.
- **Safety First:** Always take necessary safety precautions before and during operation, including using appropriate personal protective equipment (PPE) and ensuring the vehicle is securely supported.
- **Vehicle Alignment:** It is always advisable to perform a professional wheel alignment after installation to ensure proper vehicle handling and tire wear.
- **Torque Specifications:** Always refer to your vehicle's service manual for correct torque specifications for all fasteners.



Product List

Image: An important safety notice emphasizing the need for professional installation or adequate skills, and the importance of taking necessary safety precautions before beginning the operation.

4. PACKAGE CONTENTS

Verify that all components are present and undamaged before beginning installation:

- 2 x Lift Spacers
- Installation Guide (this document)
- Mounting Hardware (as required for installation)



Image: The complete YHTAUTO 1.5 inch Rear Leveling Lift Kit, featuring two black aluminum strut spacers, the product packaging, and a small instruction manual.

5. INSTALLATION GUIDE (SETUP)

5.1. Before You Begin

- Read all instructions thoroughly before starting.
- Gather all necessary tools (e.g., jack, jack stands, lug wrench, socket set, torque wrench).
- Park the vehicle on a flat, level surface and engage the parking brake.
- Chock the front wheels to prevent movement.
- Lift the rear of the vehicle using a jack and support it securely with jack stands.
- Remove the rear wheels.

5.2. Step-by-Step Installation

1. Locate the rear coil springs and their mounting points.
2. Carefully loosen and remove the lower shock absorber mounting bolts to allow the axle to drop sufficiently.

3. Lower the axle enough to relieve tension on the coil springs and allow for their removal. You may need to disconnect other suspension components if necessary, following your vehicle's service manual.
4. Remove the existing coil springs.
5. Place the YHTAUTO 1.5 inch lift spacer on top of the coil spring seat, ensuring it is properly seated and aligned.
6. Reinstall the coil spring onto the spacer and spring seat. Ensure the spring is correctly seated in both the upper and lower mounts.
7. Carefully raise the axle to align the lower shock absorber mounting points. Reinstall the shock absorber bolts and tighten them to the manufacturer's specified torque.
8. Repeat the process for the other side of the vehicle.
9. Reinstall the rear wheels and lower the vehicle to the ground.
10. Torque the lug nuts to the vehicle manufacturer's specifications.
11. Perform a final inspection to ensure all components are securely fastened and there is no interference with other parts.
12. **Important:** Drive the vehicle a short distance and then re-check all fasteners for proper torque. Schedule a professional wheel alignment immediately after installation.



Easy to Install

- Bolt-on installation, without drilling
- 👍 CLEAR INSTRUCTIONS
- 🎯 REMEMBER TO GET AN ALIGNMENT

Image: A visual representation of how the YHTAUTO 1.5 inch strut spacer integrates with a vehicle's coil spring suspension system, illustrating its placement.



Keep Your Riding Balanced and Safe

Restore original steering and damping performance



Image: This diagram illustrates the vehicle fitment for the YHTAUTO 1.5 inch lift kit, specifically highlighting its compatibility with Dodge Ram 1500 models from 2009-2023 (RWD/4WD only).

6. OPERATION (DRIVING CONSIDERATIONS)

After installing the YHTAUTO 1.5 inch Rear Leveling Lift Kit, your vehicle will have a raised rear stance. While the kit is designed to maintain factory ride quality, it is important to be aware of the following:

- **Alignment:** A professional wheel alignment is crucial to ensure correct steering geometry and prevent premature tire wear.
- **Driving Dynamics:** The vehicle's center of gravity may be slightly altered. Drive cautiously until you become accustomed to the new handling characteristics.
- **Tire Clearance:** The kit provides extra room for larger tires. Ensure that any new, larger tires have adequate clearance under all driving conditions.



Image: This image shows two trucks, one driving on a dirt road and another in snow, demonstrating the benefits of steady driving and balanced steering achieved with the leveling lift kit, even in challenging conditions.

7. MAINTENANCE

Regular inspection of your suspension components is recommended to ensure continued safe operation:

- **Periodic Checks:** Inspect the lift spacers and all associated mounting hardware periodically for any signs of loosening, wear, or damage.
- **Torque Verification:** Re-check the torque on all bolts and nuts related to the suspension system at regular intervals, especially after off-road driving or heavy loads.
- **Cleanliness:** Keep suspension components free from excessive dirt and debris.

8. TROUBLESHOOTING

If you experience any issues after installing the lift kit, consider the following:

- **Unusual Noises (Squeaking/Swaying):** This could indicate improper seating of the spacer or coil spring, or loose hardware. Re-inspect the installation carefully and ensure all components are correctly aligned and torqued. If the issue persists, consult a professional.
- **Poor Handling/Uneven Tire Wear:** These symptoms strongly suggest an alignment issue. A professional wheel alignment is critical after any suspension modification.
- **Reduced Ride Quality:** While the kit is designed to maintain factory ride, ensure that other suspension components

(shocks, bushings) are in good condition.

9. PRODUCT SPECIFICATIONS



Image: This image highlights the superior quality of the YHTAUTO lift kit spacers, showcasing the use of 6061-T6 aluminum, precision CNC manufacturing, anodic oxidation surface treatment, and corrosion resistance.

Feature	Specification
Brand	YHTAUTO
Model Number	YHTSPLK0055
Auto Part Position	Rear
Material	Aluminum (6061-T6)

Feature	Specification
Maximum Lifting Height	1.5 Inches
Kit Thickness	1.5 Inches (Note: Lift height and kit thickness are not directly proportional due to suspension design)
Included Components	Lift Spacers, Installation Guide, Mounting Hardware
Item Weight	2.62 pounds
Package Dimensions	8.98 x 5.04 x 4.41 inches

10. WARRANTY AND CUSTOMER SUPPORT

For information regarding product warranty, returns, or technical assistance, please contact YHTAUTO customer support directly through their official channels or the retailer from whom the product was purchased. Ensure you have your model number (YHTSPLK0055) and purchase details available when contacting support.

ASK A QUESTION ABOUT THIS MANUAL

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Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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