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Rough Country 11400

Rough Country 3.5" Suspension Lift Kit Instruction Manual

Brand: Rough Country | **Model:** 11400

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Rough Country 3.5" Suspension Lift Kit, Model 11400. This kit is specifically designed for 2021-2024 Chevrolet Tahoe and GMC Yukon models, offering an easy installation process and an enhanced vehicle stance.

The kit includes high-quality, lightweight, forged aluminum Upper Control Arms with O.E. style rubber bushings for improved durability and easier alignment adjustments. These arms maintain optimal ball joint angles after lifting, ensuring a greater range of motion with reduced stress. Fabricated rear blocks are also included to achieve the desired lift height. Once installed, this kit provides ample ride height for up to 305/55R20 tires, resulting in a level vehicle appearance.

SAFETY INFORMATION

Rough Country recommends that a certified technician install lift systems. Knowledge of Rough Country instructions, suspension procedures, and post-installation checks are required. If a system is installed without the necessary knowledge and expertise, it may impact the integrity and operating safety of the vehicle.

- 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 beginning any work.
- Never work under a vehicle supported only by a jack.
- Follow all torque specifications provided in the detailed installation guide (not included in this general manual, refer to product packaging or Rough Country's official website for specific torque values).

LEGAL DISCLAIMER

It is ultimately the buyer's responsibility to have all bolts and nuts checked for tightness after the first 500 miles, and then again every 1,000 miles. Wheel alignment, steering system, suspension, and

driveline systems must be inspected by a qualified, professional mechanic at least every 3,000 miles.

PRODUCT OVERVIEW

The Rough Country 3.5" Suspension Lift Kit includes all necessary components for a complete installation, designed for durability and performance.



Image: The complete Rough Country 3.5" Suspension Lift Kit components, featuring forged aluminum upper control arms, strut spacers, and rear lift blocks, along with associated hardware.

SETUP & INSTALLATION GUIDE

This kit features a 100% bolt-on installation process that requires minor trimming, making it suitable for installation using common tools in a home garage. However, professional installation is recommended for optimal safety and performance.

Key Installation Steps (General Overview):

1. Securely lift and support the vehicle.
2. Remove front wheels and tires.
3. Disconnect necessary steering and suspension components to access the struts.
4. Install the provided strut spacers and forged aluminum upper control arms.
5. Install the fabricated rear blocks for the rear lift.
6. Reconnect all components, ensuring proper torque specifications are met.
7. Reinstall wheels and tires.
8. Lower the vehicle and perform a full vehicle alignment.

No strut disassembly or strut compressor is required for installation, simplifying the process.

OPERATING GUIDELINES

After installing the lift kit, the vehicle's center of gravity will be higher. Drive cautiously and be aware of changes in handling, especially during cornering and braking. Always ensure tires are properly inflated and suitable for the lifted application.

MAINTENANCE

Regular maintenance is crucial for the longevity and safe operation of your lifted vehicle.

- **Post-Installation Check:** Re-torque all fasteners after the first 500 miles of driving.
- **Routine Inspections:** Inspect all suspension components, including bolts, nuts, bushings, and control arms, every 1,000 miles or during routine vehicle service.
- **Alignment:** A professional wheel alignment is mandatory immediately after installation and should be checked periodically (e.g., every 3,000 miles) to ensure proper steering and tire wear.
- **Clearance:** Regularly check for adequate clearance between all rotating, mobile, fixed, and heated components, especially after off-road use.

TROUBLESHOOTING

If you experience any unusual noises, vibrations, or handling issues after installation, immediately pull over to a safe location and inspect the suspension components. Common issues may include:

- **Loose Fasteners:** Re-check all bolts and nuts for proper torque.
- **Alignment Issues:** An improper alignment can cause steering pull, uneven tire wear, or a loose feeling in the steering. Seek professional alignment services.
- **Component Interference:** Ensure there is no contact between tires, suspension components, or body parts during full steering lock or suspension travel. Minor trimming may be required as noted in the installation guide.

For further assistance, contact Rough Country customer support.

SPECIFICATIONS

| Feature | Detail |
|------------------------|---|
| Brand | Rough Country |
| Model Number | 11400 |
| Maximum Lifting Height | 3.5 Inches |
| Included Components | Lift Kit (Forged aluminum upper control arms, rear blocks) |
| Material | Alloy Steel (for some components) |
| Automotive Fit Type | Vehicle Specific Fit (2021-2024 Chevy/GMC Tahoe/Yukon) |
| Installation | 100% Bolt-on, minor trimming required, no strut disassembly |

WARRANTY AND SUPPORT

This Rough Country 3.5" Suspension Lift Kit is backed by Rough Country's Limited Lifetime Replacement

Warranty. For warranty claims, technical support, or additional product information, please visit the official Rough Country website or contact their customer service department.

VEHICLE APPEARANCE WITH LIFT KIT

Observe the enhanced stance and increased ground clearance provided by the Rough Country 3.5" Suspension Lift Kit on compatible vehicles.



Image: Front view of a Chevy Tahoe equipped with the 3.5" lift kit, showcasing increased height.



Image: Side profile of a lifted Chevy Tahoe, highlighting the elevated stance and tire clearance.



Image: Front view of a GMC Suburban after installation of the 3.5" lift kit.



Image: Side profile of a GMC Suburban with the 3.5" lift kit installed, showing enhanced ground clearance.