

Manuals.plus /

› PRO COMP /

› PRO COMP Suspension Component Box 51021B-3 for 6-inch Lift Kit Instruction Manual

PRO COMP 51021B-3

PRO COMP Suspension Component Box 51021B-3 Instruction Manual

Model: 51021B-3 | Brand: PRO COMP

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your PRO COMP Suspension Component Box 51021B-3. This component box is specifically designed to complement 6-inch lift kits, such as PN[K1083B/K5072B], ensuring optimal performance and vehicle integrity. Please read all instructions carefully before proceeding with installation.



Image: PRO COMP brand logo with the text 'LIFT KIT COMPONENT PARTS' below it. This image identifies the manufacturer and the product category.

SAFETY INFORMATION

Always prioritize safety during installation and maintenance. Failure to follow safety guidelines can result in serious injury or damage to your vehicle.

- Ensure the vehicle is securely supported on jack stands or a lift before beginning any work. Never rely solely on a jack.
- Wear appropriate personal protective equipment, including safety glasses, gloves, and closed-toe shoes.
- Disconnect the vehicle's battery before working on electrical components, if applicable.

- Refer to your vehicle's service manual for specific torque specifications and procedures.
- If you are unsure about any step, consult a qualified automotive technician.

PACKAGE CONTENTS

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

- Installation Hardware
- PRO COMP Suspension Component Box 51021B-3

INSTALLATION GUIDE

This component box is part of a larger 6-inch lift kit system. The following steps are general guidelines. Always refer to the specific instructions provided with your complete lift kit (e.g., K1083B/K5072B) for detailed, model-specific procedures.

1. **Preparation:** Park the vehicle on a level surface, engage the parking brake, and block the rear wheels. Lift the front of the vehicle and support it securely with jack stands. Remove the front wheels.
2. **Disassembly:** Follow your lift kit's instructions to remove existing suspension components as required. This may include shocks, springs, control arms, or other related parts.
3. **Component Box Integration:** Install the components from the 51021B-3 box according to the lift kit's instructions. This typically involves mounting brackets, spacers, or other structural elements that facilitate the 6-inch lift.
4. **Hardware Installation:** Use the provided installation hardware. Ensure all bolts are tightened to the manufacturer's specified torque values. Do not overtighten or undertighten fasteners.
5. **Reassembly:** Reinstall the remaining suspension components, wheels, and any other parts removed during disassembly, following the lift kit's instructions.
6. **Final Checks:** Lower the vehicle to the ground. Perform post-installation checks as outlined in the next section.

POST-INSTALLATION CHECKS

After installation, it is crucial to perform these checks to ensure proper function and safety.

- **Torque Verification:** Re-check all fasteners for proper torque after the vehicle has been driven approximately 50-100 miles.
- **Alignment:** A professional wheel alignment is mandatory after installing any suspension lift kit. This ensures correct steering geometry and tire wear.
- **Brake Lines and Hoses:** Inspect all brake lines, ABS lines, and other hoses for proper routing and clearance. Ensure they are not stretched, pinched, or rubbing against other components.
- **Steering Components:** Check all steering linkages for proper function and clearance throughout the full range of steering motion.
- **Test Drive:** Perform a cautious test drive in a safe area to check for any unusual noises, vibrations, or handling characteristics.

MAINTENANCE

Regular inspection and maintenance will prolong the life of your suspension components.

- Periodically inspect all bolts and nuts for tightness, especially after off-road use.

- Check suspension components for signs of wear, damage, or corrosion.
- Keep components clean from excessive dirt and debris.

TROUBLESHOOTING

If you encounter issues after installation, consider the following:

- **Unusual Noises:** Re-check all fasteners for proper torque. Inspect for any components rubbing or contacting each other.
- **Poor Handling/Steering:** Verify that a professional wheel alignment has been performed. Check tire pressure. Inspect steering components for looseness.
- **Uneven Ride Height:** Ensure all components were installed correctly and on the appropriate sides of the vehicle (if applicable).

For persistent issues, contact a qualified automotive technician or PRO COMP customer support.

SPECIFICATIONS

Feature	Detail
Brand	PRO COMP
Model Number	51021B-3
Product Type	VEHICLE LIFT KIT Component Box
Maximum Lifting Height Supported	6 Inches
Included Components	Installation Hardware
Item Weight	77.7 pounds
Product Dimensions	5 x 5 x 5 inches (Packaging)
UPC	614901186475

WARRANTY AND SUPPORT

For specific warranty information and technical support regarding your PRO COMP Suspension Component Box 51021B-3, please refer to the documentation included with your complete lift kit or visit the official PRO COMP website. Keep your purchase receipt for warranty claims.