

Belltech 152650BK

Belltech 152650BK 1.5-inch Lift Kit Instruction Manual

For Ford Bronco Sport (2021+) and Ford Bronco (2022+)

1. INTRODUCTION

This manual provides detailed instructions for the proper installation, operation, and maintenance of your Belltech 152650BK 1.5-inch Lift Kit. Please read this manual thoroughly before beginning installation to ensure safety and optimal performance of your vehicle.

1.1 Safety Information

- Professional installation is highly recommended for this product.
- Always use appropriate personal protective equipment, including eye protection and gloves, during installation.
- Ensure the vehicle is securely supported on jack stands or a hydraulic lift before performing any work underneath. Never rely solely on a jack.
- Do not modify any components of this kit. Unauthorized modifications can compromise safety and performance.
- After installation, a full wheel alignment must be performed by a qualified technician.
- Check all fasteners for proper torque after the initial installation and again after the first 500 miles of driving.

2. PACKAGE CONTENTS

Verify that all components listed below are present and undamaged before beginning installation. If any parts are missing or damaged, contact Belltech customer support immediately.

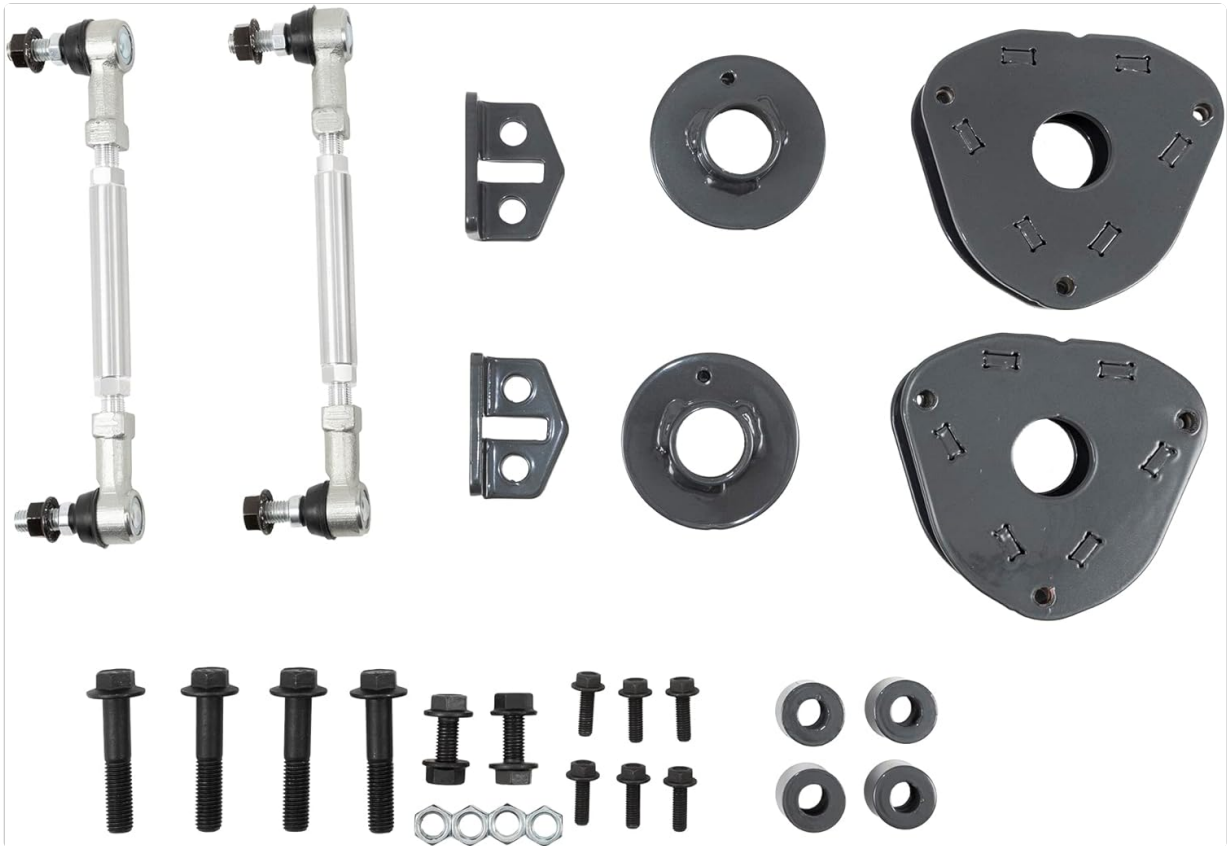


Image: All components of the Belltech 152650BK 1.5-inch Lift Kit, including front strut spacers, rear spacers, sway bar end links, and various bolts and washers.

- Front Strut Spacers (2)
- Rear Spacers (2)
- Sway Bar End Links (2)
- Mounting Hardware (various bolts, nuts, washers)

3. INSTALLATION INSTRUCTIONS

This section outlines the general steps for installing the Belltech 152650BK 1.5-inch Lift Kit. It is crucial to refer to a professional service manual for your specific vehicle model for detailed torque specifications and additional procedures.

3.1 Required Tools

- Vehicle Lift or Heavy-Duty Jack Stands
- Torque Wrench
- Standard Socket Set (Metric and/or SAE as required by vehicle)
- Open-End Wrench Set
- Pry Bar
- Spring Compressor (if required for strut disassembly, consult vehicle service manual)
- Wheel Chocks
- Measuring Tape

3.2 Front Installation

1. Safely secure the vehicle on a lift or jack stands. Remove the front wheels.
2. Disconnect the sway bar end links from the strut and lower control arm.
3. Remove the upper and lower strut mounting bolts. Carefully remove the entire strut assembly from the vehicle.
4. Install the provided front strut spacer onto the top of the factory strut assembly. Ensure proper orientation as per the spacer design and secure with provided hardware.



Image: Close-up of a front strut spacer, a key component for achieving the front lift. This component is installed above the factory strut.

5. Reinstall the modified strut assembly into the vehicle. Secure with factory hardware, but do not fully torque until the vehicle is at ride height.
6. Install the new, longer sway bar end links provided in the kit.



Image: Two adjustable sway bar end links, designed to accommodate the increased ride height and maintain proper sway bar function.

7. Reattach all other disconnected components. Torque all fasteners to manufacturer specifications once the vehicle is on the ground.

3.3 Rear Installation

1. Safely secure the vehicle on a lift or jack stands. Remove the rear wheels.
2. Support the rear axle with a floor jack. Disconnect the lower shock mounts and any other components that may limit axle droop.
3. Carefully lower the axle to allow for removal of the factory coil springs.
4. Install the provided rear spacers on top of the factory coil springs. Ensure they are seated correctly.



Image: Four cylindrical rear coil spring spacers, used to achieve the rear lift by being placed above the factory coil springs.

5. Reinstall the coil springs with the spacers. Raise the axle and reattach the lower shock mounts and any other disconnected components.
6. Torque all fasteners to manufacturer specifications once the vehicle is on the ground.

3.4 Post-Installation Procedures

- Reinstall all wheels and torque lug nuts to factory specifications.
- Lower the vehicle to the ground.
- Drive the vehicle a short distance (e.g., 10-20 miles) and then re-check all fasteners for proper torque.
- Perform a professional wheel alignment immediately after installation to ensure proper handling and tire wear.
- Adjust headlight aim as necessary due to the change in vehicle height.

4. OPERATING CONSIDERATIONS

After installing the lift kit, the vehicle's center of gravity will be higher. This may affect handling characteristics and require adjustments to driving habits.

- Drive cautiously until you become accustomed to the vehicle's new handling and braking characteristics.
- Be aware of the increased vehicle height when entering garages, car washes, or low-clearance areas.
- If larger tires are installed in conjunction with this lift kit, the speedometer may require recalibration to ensure accurate speed readings.

5. MAINTENANCE

Regular maintenance is essential to ensure the longevity and safe operation of your Belltech lift kit.

- Periodically inspect all suspension components, including bolts, nuts, bushings, and spacers, for signs of wear, damage, or corrosion.
- Re-torque all fasteners after the first 500 miles of driving and then every 5,000 miles or during routine vehicle maintenance.
- Keep components clean to prevent the buildup of dirt and debris, which can accelerate wear.

6. TROUBLESHOOTING

This table provides solutions for common issues that may arise after installation.

Issue	Possible Cause	Solution
Uneven Ride Height	Improper installation of spacers; component settling.	Verify spacer placement and orientation; re-check all measurements; allow for a short settling period (e.g., 50-100 miles).
Unusual Noises (clunking, squeaking)	Loose fasteners; worn bushings; component interference.	Inspect and re-torque all fasteners to specifications; check for proper clearance between components; replace any worn bushings.
Poor Handling/Steering	Incorrect wheel alignment; loose steering or suspension components.	Perform a professional wheel alignment; inspect all steering and suspension components for looseness or damage.
Vibrations	Unbalanced tires; driveshaft angle issues (less common with 1.5" lift).	Ensure tires are properly balanced; inspect driveshaft angles if vibrations persist (consult a specialist).

7. SPECIFICATIONS

- **Model:** Belltech 152650BK
- **Lift Height:** Approximately 1.5 inches (Front and Rear)
- **Application:** Ford Bronco Sport (2021+), Ford Bronco (2022+)
- **Included Components:** Front strut spacers, rear spacers, sway bar end links, mounting hardware.
- **Installation Type:** Direct bolt-in, no cutting or welding required.
- **Item Weight:** Approximately 19.7 pounds
- **Product Dimensions:** 14.5 x 10.25 x 6.75 inches (packaging)
- **UPC:** 722439008302

8. WARRANTY AND SUPPORT



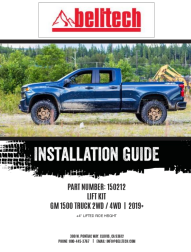
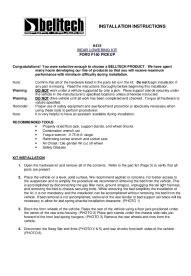
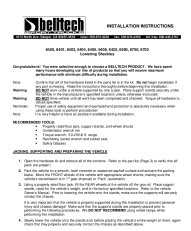
Belltech products are backed by a limited warranty against defects in materials and workmanship. For specific warranty terms and conditions, please refer to the official Belltech website or contact customer support directly.

For technical assistance, installation questions, or to report missing/damaged parts, please visit the [Belltech Store on Amazon](#) or contact Belltech customer service through their official channels.

Manufacturer: Belltech

Item Model Number: 152650BK

Related Documents - 152650BK

	<p>Belltech 15326 4" to 7.5" Front Lift Coilover Kit Installation Guide for 2021+ Ford Bronco</p> <p>This document provides a comprehensive installation guide for the Belltech 15326 4" to 7.5" front lift coilover kit, specifically designed for the 2021 and newer Ford Bronco. It includes essential safety information, recommended tools, step-by-step instructions for strut removal, assembly, installation, and finalization, as well as a detailed breakdown of kit contents.</p>
	<p>Belltech Sport Trucks Coilover Installation Instructions for Chevrolet Colorado Type 285</p> <p>Detailed installation instructions for Belltech Sport Trucks coilover suspension systems, specifically for the Chevrolet Colorado Type 285. Includes technical data, safety warnings, mounting specifications, and step-by-step guidance for front and rear axle installation.</p>
	<p>Belltech 150212 Lift Kit Installation Guide for GM 1500 Trucks (2019+)</p> <p>Comprehensive installation guide for the Belltech 150212 lift kit, designed for 2019+ GM 1500 2WD/4WD trucks, providing a +4" lifted ride height. Includes tools, preparation, step-by-step instructions for front and rear suspension, and final checks.</p>
	<p>Belltech 6415 Rear Lowering Kit Installation Instructions for Ford F-150 Pickup</p> <p>Detailed installation instructions for the Belltech 6415 Rear Lowering Kit designed for Ford F-100 and F-150 Pickup trucks. This guide provides step-by-step procedures, recommended tools, safety warnings, and a comprehensive parts list for a successful installation.</p>
	<p>Belltech Lowering Shackles & Pro Coil Installation Instructions</p> <p>Comprehensive installation guide for Belltech lowering shackles (models 6400-6702) and Pro Coil kits (model 12463-12464) for various truck applications. Includes safety warnings, tool recommendations, step-by-step procedures, and parts lists.</p>

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Comprehensive installation guide for the Belltech 6446 5.5" Rear Axle Flip-Kit, designed for 2015+ Ford F-150 2WD Short Bed trucks. Includes recommended tools, step-by-step disassembly, preparation, installation, bump stop adjustments, driveline considerations, and final checks.