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SUPERLIFT 587

SUPERLIFT SUSPENSION Front Coil Springs Instruction Manual

Model: **587** | For 2018-2023 Jeep Wrangler JL 4 Door with 2.5" Lift



1. PRODUCT OVERVIEW

The SUPERLIFT Dual Rate Coil Springs are engineered to provide a 2.5-inch lift for 2018-2023 Jeep Wrangler JL Unlimited models. These location-specific dual rate coil springs are designed to deliver excellent ride quality on-road while allowing for increased extension during off-road use. They contribute to an even stance and long-lasting durability for your vehicle.

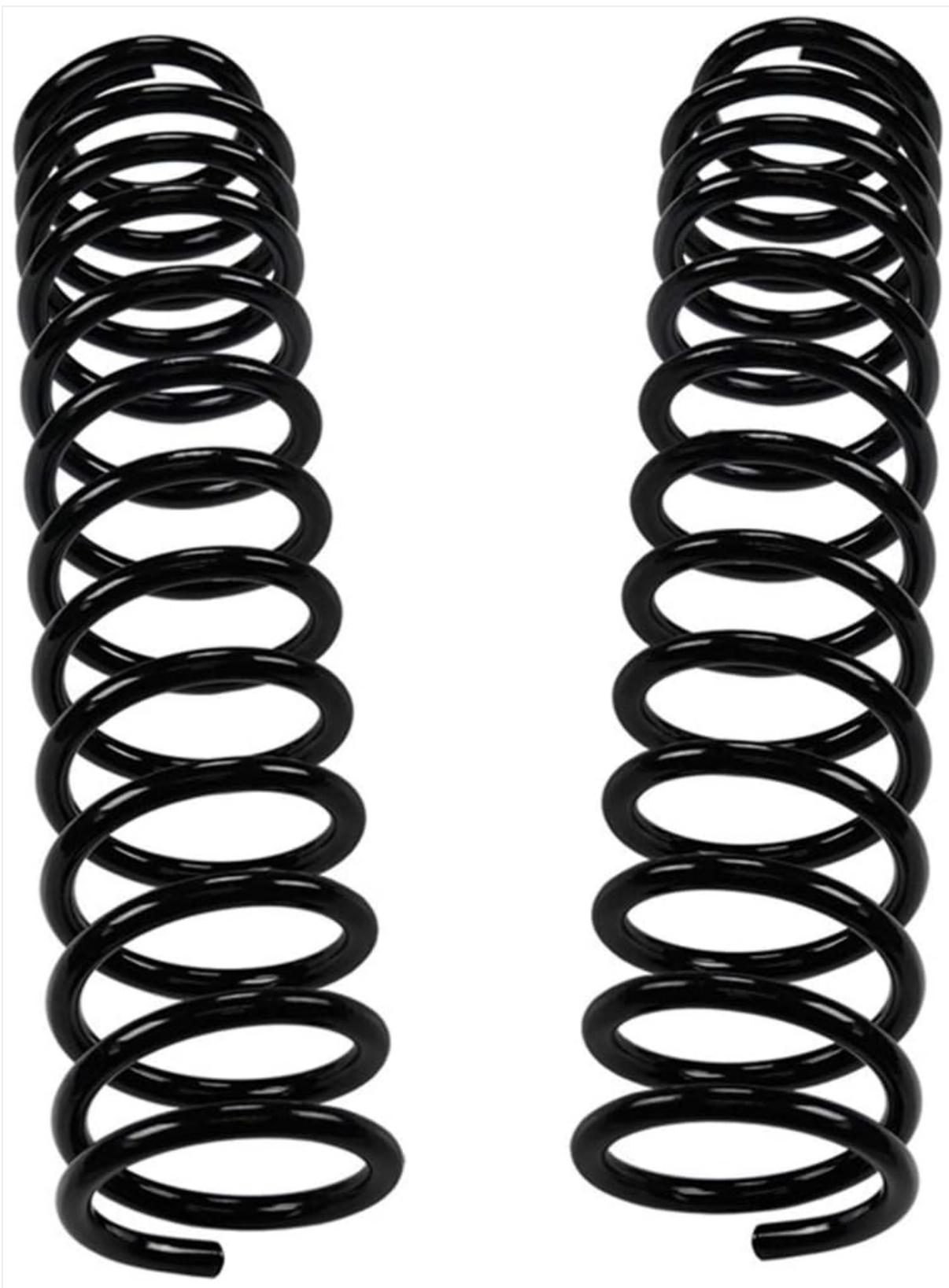


Image: A pair of black SUPERLIFT Dual Rate Front Coil Springs, the primary components of this lift kit.

2. SAFETY INFORMATION

Always prioritize safety during installation and operation. Suspension modifications can alter vehicle handling characteristics. It is highly recommended that installation be performed by a qualified professional. Ensure the vehicle is properly supported and all components are torqued to manufacturer specifications. Wear appropriate personal protective equipment.

Proposition 65 Warning: This product may contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

3. PACKAGE CONTENTS

Verify all components are present before beginning installation:

- Location specific dual rate coil springs (pair)
- All hardware specific for the 2018-and newer Jeep Wrangler JL 2 Door and 4 Door models including Rubicon
- Detailed instruction manual (this document)

4. SETUP AND INSTALLATION

Installation of these coil springs requires mechanical knowledge and specialized tools. For optimal safety and performance, professional installation is strongly advised. The following is a general overview; refer to the detailed instruction manual included in your package for step-by-step procedures and torque specifications.

1. **Vehicle Preparation:** Park the vehicle on a level surface, engage the parking brake, and block the rear wheels. Lift the front of the vehicle using a suitable jack and support it with jack stands. Remove the front wheels.
2. **Disassembly:** Carefully disconnect and remove the original front coil springs and any associated components as per the detailed manual. This may involve disconnecting sway bar links, shocks, and brake lines.
3. **Coil Spring Installation:** Install the new SUPERLIFT Dual Rate Coil Springs, ensuring they are correctly oriented (location specific). Reconnect all components, ensuring proper alignment and seating.
4. **Reassembly:** Reinstall the front wheels and lower the vehicle. Torque all fasteners to the specifications provided in the detailed manual.
5. **Post-Installation Check:** Perform a thorough inspection of all installed components. Drive the vehicle slowly to ensure proper function and check for any unusual noises or handling characteristics. A professional alignment is highly recommended after installation.



Image: A Jeep Wrangler JL equipped with a SUPERLIFT suspension system, demonstrating the enhanced ride height and off-road capability.

5. OPERATING CONSIDERATIONS

After installing the SUPERLIFT Dual Rate Coil Springs, your Jeep Wrangler JL will experience a 2.5-inch lift. This modification enhances the vehicle's off-road capabilities by providing increased ground clearance and improved articulation. On-road, the dual-rate design aims to maintain a comfortable ride quality while offering better performance during dynamic driving conditions.

- **Driving Dynamics:** Be aware that lifting a vehicle can alter its center of gravity and handling characteristics. Drive cautiously until you are accustomed to the new feel of your vehicle.
- **Tire Clearance:** The 2.5-inch lift provides additional tire clearance, allowing for larger tire sizes. Consult a tire professional for appropriate tire and wheel combinations.
- **Off-Road Performance:** The dual-rate design allows for greater suspension travel, improving performance over uneven terrain.



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Image: A close-up front view of a Jeep Wrangler JL, showcasing the lifted suspension and large off-road tires.

6. MAINTENANCE

Regular inspection and maintenance are crucial for the longevity and performance of your SUPERLIFT coil springs and associated suspension components.

- **Periodic Inspection:** Regularly inspect coil springs for any signs of damage, corrosion, or fatigue. Check for proper seating and ensure no foreign objects are lodged within the coils.
- **Fastener Torque:** Periodically re-check the torque on all suspension fasteners, especially after initial installation

and after severe off-road use. Refer to the detailed manual for specific torque values.

- **Cleaning:** Keep the coil springs and surrounding suspension components clean from excessive dirt, mud, and debris, which can accelerate wear.

7. TROUBLESHOOTING

If you encounter issues after installation, consider the following common troubleshooting steps:

Symptom	Possible Cause	Solution
Uneven Stance / Vehicle Lean	Incorrect spring placement (front/rear, left/right), improper installation, or settling.	Verify springs are installed in correct locations. Re-check all installation steps. Allow for initial settling period. If issue persists, consult a professional.
Unusual Noises (clunking, squeaking)	Loose fasteners, components rubbing, or improper seating of springs.	Inspect all connections for proper torque. Check for clearance issues between components. Ensure springs are seated correctly in their mounts.
Poor Ride Quality	Incorrect spring selection (unlikely for this product), worn shocks (if not replaced), or improper tire pressure.	Ensure tire pressures are set correctly. Consider upgrading shocks if they are old or not compatible with the lift.

For persistent issues or concerns, contact SUPERLIFT customer support or a certified automotive technician.

8. SPECIFICATIONS

Attribute	Detail
Brand	SUPERLIFT
Model	Dual Rate Coil Springs - Pair - Front - 2.5 inch lift - 2018-2019 Jeep JL Unlimited Including Rubicon - 4 door
Item Model Number	587
Item Weight	25.6 pounds
Product Dimensions	22.5 x 22.5 x 11.25 inches
Position	Front
Manufacturer	Superlift Suspension
Manufacturing Origin	Made in the USA with global materials



Image: "Made in the USA with Global Materials" emblem, indicating the product's manufacturing origin.

9. WARRANTY AND SUPPORT

Limited Lifetime Warranty

SUPERLIFT SUSPENSION products, including these coil springs, are backed by a **Limited Lifetime Warranty**. This warranty covers defects in material and workmanship for the lifetime of the product to the original purchaser. For full details regarding warranty coverage, claims, and exclusions, please refer to the official SUPERLIFT warranty policy available on their website or contact customer support.

Customer Support

For technical assistance, installation questions, or warranty inquiries, please contact SUPERLIFT customer support. You can find contact information and additional resources by visiting the official SUPERLIFT website or their Amazon store page:

[Visit the SUPERLIFT Store on Amazon](#)

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This manual is for informational purposes only. Always follow professional installation guidelines.