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> maXpeedingrods Coilover Suspension System VX62 User Manual

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Model: VX62

INTRODUCTION

Thank you for choosing the maXpeedingrods Coilover Suspension System VX62. This manual provides essential information for the safe and correct installation, operation, and maintenance of your new suspension system. Please read this manual thoroughly before installation and keep it for future reference. Proper installation and regular maintenance are crucial for optimal performance and longevity of the product.

PRODUCT OVERVIEW

The maXpeedingrods Coilover Suspension System VX62 is designed to enhance your vehicle's handling and provide adjustable ride height. It includes high-quality coilover units and shock absorbers engineered for performance and durability.



This image presents a complete maXpeedingrods coilover suspension kit, including four coilover units, separate shock absorbers, and adjustment wrenches, ready for installation.



This image displays two maXpeedingrods coilover suspension units, featuring blue springs and silver-colored damper bodies, designed for vehicle suspension.



This image shows two blue shock absorbers, which are components of the maXpeedingrods suspension system, designed to dampen vehicle movement.

VEHICLE COMPATIBILITY

This maXpeedingrods Coilover Suspension System VX62 is compatible with the following vehicle models (without Quattro):

- **Audi:**

- Audi A3 8L1 (Year: 1996 - 2003) - Engine: 1.6/ 1.8/ 1.8T/ 1.9TDi

- **SEAT:**

- Seat Leon 1M1 (Year: 2001 - 2006) - Engine: 1.4 / 1.6 / 1.8 / 1.8T / 16V / 20V / 1.9SDi / 1.9TDi
- Seat Toledo 1M2 (Year: 1991 - 1999) - Engine: 1.6/ 1.8/ 1.8T 20V/ 2.0/ 16V/ 2.3 V5/ 1.9TDi

- **Skoda:**

- Skoda Octavia 1U2 (Year: 1997 - 2003) - Engine: 1.4 / 1.6 / 1.8 / 1.8 T / 1.9 SDI / 1.9 TDI / 2.0
- Skoda Octavia Combi 1U5 (Year: 1998 - 2010) - Engine: 1.4 / 1.6 / 1.8 / 1.8 T / 1.9 SDI / 1.9 TDI / 2.0

Note: This system is designed for models **without** Quattro (all-wheel drive) systems. Please verify your vehicle's specifications before installation.

SAFETY PRECAUTIONS

Always prioritize safety when working on your vehicle's suspension. Improper installation can lead to serious injury or vehicle damage.

- **Professional Installation Recommended:** Due to the complexity and safety-critical nature of suspension components, professional installation by a qualified mechanic is highly recommended.
- **Use Proper Tools:** Ensure you have all necessary tools, including a torque wrench, spring compressor (if applicable), jack stands, and wheel chocks.
- **Wear Safety Gear:** Always wear appropriate personal protective equipment, including safety glasses and gloves.
- **Vehicle Support:** Never work under a vehicle supported only by a jack. Always use sturdy jack stands on a level surface.
- **Read Vehicle Manual:** Consult your vehicle's service manual for specific torque specifications and procedures.
- **Component Inspection:** Inspect all components for damage or defects before installation. Do not install damaged parts.

SETUP & INSTALLATION

Pre-Installation

- **Gather Tools:** Ensure all required tools are available.
- **Inspect Components:** Verify all parts are present and undamaged.
- **Vehicle Preparation:** Park the vehicle on a level surface, engage the parking brake, and chock the wheels. Loosen lug nuts on the wheels to be removed.
- **Lift Vehicle:** Safely lift the vehicle and support it with jack stands. Remove the wheels.

Installation Steps (General Guide)

These are general steps. Refer to your vehicle's service manual for detailed, model-specific instructions.

1. **Remove Old Suspension:** Disconnect brake lines, ABS sensors, and sway bar links as necessary. Unbolt the top mount and lower mounting points of the old strut/shock assembly. Carefully remove the old components.
2. **Assemble Coilovers (if required):** Some coilover kits may require assembly of the spring onto the damper body. Follow the specific instructions provided with your kit.
3. **Install New Coilovers:** Carefully insert the new coilover assembly into position. Secure the top mount bolts first, then align and secure the lower mounting points. Do not fully tighten bolts until the vehicle is at ride height.
4. **Reconnect Components:** Reattach brake lines, ABS sensors, and sway bar links. Ensure all lines and wires are routed correctly and not pinched.
5. **Initial Ride Height Adjustment:** Make an initial ride height adjustment using the provided wrenches. Ensure there is adequate clearance for all components.
6. **Reinstall Wheels:** Mount the wheels and hand-tighten the lug nuts.

Post-Installation

- **Lower Vehicle:** Carefully lower the vehicle to the ground.
- **Final Torque:** With the vehicle at ride height, fully tighten all suspension mounting bolts to the manufacturer's specified torque values using a torque wrench.
- **Alignment:** A professional wheel alignment is absolutely necessary after installing new suspension components to ensure proper handling and tire wear.
- **Test Drive:** Perform a cautious test drive to check for any unusual noises, vibrations, or handling characteristics.

OPERATING & ADJUSTMENT

Ride Height Adjustment

The maXpeedingrods coilover system allows for adjustable ride height. This adjustment is made by rotating the lower spring perch using the provided spanner wrenches.

1. **Lift Vehicle:** Safely lift and support the vehicle to relieve pressure from the suspension.
2. **Loosen Locking Collar:** Use the spanner wrench to loosen the locking collar located above the spring perch.
3. **Adjust Spring Perch:** Rotate the spring perch to raise or lower the vehicle. Turning it clockwise will lower the vehicle, and counter-clockwise will raise it. Make small, even adjustments on both sides of an axle.
4. **Tighten Locking Collar:** Once the desired height is achieved, firmly tighten the locking collar against the spring perch to secure the adjustment.
5. **Repeat for all Coilovers:** Ensure all four corners are adjusted evenly for balanced handling.
6. **Final Alignment:** After any significant ride height adjustment, a professional wheel alignment is required.



A detailed view of the coilover's blue adjustment ring, showing numerical markings (e.g., "6-10-82-102") used for precise ride height adjustments.

Regular maintenance helps ensure the longevity and performance of your coilover suspension system.

- **Regular Inspection:** Periodically inspect all suspension components for signs of wear, damage, or leaks. Check for loose bolts or nuts.
- **Clean Components:** Keep the coilovers clean, especially the threaded sections, to prevent dirt and debris from hindering adjustments or causing corrosion.
- **Check Torque:** Re-check the torque of all mounting bolts after the first 500-1000 miles (800-1600 km) of driving, and then periodically thereafter.
- **Corrosion Protection:** In areas with harsh weather or road salt, consider applying a corrosion-inhibiting spray to exposed metal parts.

TROUBLESHOOTING

If you experience issues with your coilover system, refer to the table below for common problems and potential solutions.

Problem	Possible Cause	Solution
Unusual noises (clunking, squeaking)	Loose mounting bolts, worn bushings, improper installation, debris.	Check and re-torque all bolts. Inspect bushings for wear. Re-check installation. Clean components.
Uneven ride height	Incorrect height adjustment, spring perch not tightened.	Re-adjust ride height evenly on both sides. Ensure locking collars are tight.
Poor handling or instability	Incorrect alignment, improper ride height, damaged component.	Get a professional wheel alignment. Verify ride height settings. Inspect for damaged parts.
Leaking damper	Damaged seal, manufacturing defect.	Contact customer support for warranty or replacement.

PRODUCT SPECIFICATIONS

Specification	Detail
Brand	maXpeedingrods
Model Number	VX62
Product Dimensions	71 x 51 x 20 cm
Item Weight	20.92 kg
Position	Rear (Note: Product images show front and rear components, this 'Position' might refer to a specific part of the kit or a general classification. Always verify full kit contents.)
Assembly Required	No (Refers to the product itself, not vehicle installation)
Manufacturer Reference ID	VX62
Date First Available	June 1, 2021

WARRANTY AND CUSTOMER SUPPORT

maXpeedingrods products are manufactured to high-quality standards. For specific warranty details, please refer to the warranty

card included with your product or visit the official maXpeedingrods website.

If you encounter any issues or have questions regarding your Coilover Suspension System VX62, please contact maXpeedingrods customer support through their official channels or the retailer from whom you purchased the product. Provide your model number (VX62) and purchase details for faster assistance.

For more information about maXpeedingrods and their commitment to quality, you can visit their brand story page on Amazon or their official website.