

maXpeedingrods KJ699

maXpeedingrods T6 Series Coilover Suspension Kit Instruction Manual

Model: KJ699 | For Honda Accord (2008-2012) & Acura TSX (2009-2015)

1. INTRODUCTION

This manual provides detailed instructions for the installation, adjustment, maintenance, and troubleshooting of your maXpeedingrods T6 Series Coilover Suspension Kit. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. PRODUCT OVERVIEW & FEATURES

The maXpeedingrods T6 Series Coilover Suspension Kit is designed to enhance vehicle handling and appearance. Key features include:

- **Vehicle Fitment:** Specifically designed for Honda Accord LX, SE, LX-P sedan CP2 CP3 (2008-2012), Honda Accord LX, SE, LX-P coupe CS1 CS2 (2008-2012), Honda Accord LX, SE, LX-P sedan CU1 CU2 CU3 (2008-2015), Honda Accord Tourer 5-door wagon CW1 (2008-2015), and Acura TSX (2009-2015).
- **Street Performance T6 Series:** Optimized for street performance driving, balancing comfort, speed, and safety. Features an upgraded damper knob for easier adjustment and high-quality damping oil.
- **24 Levels Adjustable Damping:** Allows precise control over ride comfort and handling. Levels 0-8 are suggested for street use, 9-16 for mountain roads, and 17-24 for race tracks.
- **Adjustable Height:** Provides 1-3 inches of height adjustment for a more aggressive stance and improved steering response.
- **Spring Rate:** Front: 10 kg/mm (560 lbs/in); Rear: 7 kg/mm (392 lbs/in). High tensile performance springs are stress-tested over 600,000 times with minimal distortion.
- **Durable Construction:** Features upgraded full aluminum plates, 22mm front rod diameter for long-lasting rod lifetime, high rigid piston rod, 6061-T6 AL perch, anodized shock body with galvanized anti-corrosion coating, and matte finish lower mount.



Figure 1: Labeled diagram of maXpeedingrods coilover components, highlighting the rubber top mount, 24 clicks of rebound damping force adjustment, upper spring seat with radial bearing, full-length dust boot, high rigidity 55CrSi steel cold-bent coil springs, 6061-T6 AL perch, anodized shock body with galvanised anti-corrosion coating, and matte finish lower mount.

3. SPECIFICATIONS

Attribute	Value
Brand	maXpeedingrods
Item Model Number	KJ699
Auto Part Position	Front
Style	Modern
Vehicle Service Type	Car
Exterior Finish	Black
Material	Aluminum
Item Weight	58.1 pounds

Product Dimensions	25.2 x 19.69 x 7.87 inches
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4. SAFETY INFORMATION

Suspension installation requires specialized tools and knowledge. Improper installation can lead to serious injury or vehicle damage. It is highly recommended that installation be performed by a certified professional mechanic. Always wear appropriate personal protective equipment (PPE) during installation. Ensure the vehicle is securely supported on jack stands or a lift before beginning any work.

5. INSTALLATION GUIDE

This section outlines the general steps for installing the maXpeedingrods T6 Series Coilover Kit. Refer to the included installation instructions for your specific vehicle model for detailed torque specifications and procedures.

5.1. Pre-Installation

1. Gather all necessary tools as listed in your product packaging.
2. Park the vehicle on a level surface and engage the parking brake.
3. Loosen the lug nuts on the wheels to be removed.
4. Lift the vehicle using a hydraulic lift or jack stands, ensuring it is stable and secure.
5. Remove the wheels.

5.2. Front Coilover Installation

1. Remove the brake hose mount and sensor clip from the old strut assembly.
2. Loosen and remove the knuckle bolts connecting the old strut to the knuckle.
3. Open the hood and secure it. Remove the access panel from the cowl to expose the upper strut mounts.
4. Remove the upper nuts securing the old strut to the vehicle chassis.
5. Carefully remove the old strut assembly from the vehicle.
6. Install the new maXpeedingrods front coilover assembly. Hand-start the new hardware for the upper mount.
7. Tighten the top mount nuts to 60 Nm (45 ft-lb) of torque.
8. Lift the vehicle and insert the knuckle into the bottom of the new coilover.
9. Reuse the old hardware to secure the knuckle bolts and tighten to 130 Nm (95 ft-lb) of torque.
10. Secure the brake hose and sensor clip to the new coilover.
11. Reinstall the access panel and remount the weather seal.

5.3. Rear Coilover Installation

1. Loosen the lug nuts on the rear wheels and lift the vehicle. Remove the rear wheels.
2. Open the trunk. Remove the trunk mat, foam pad, and side carpet liner clips to access the upper shock absorber hardware.
3. Remove the upper shock absorber hardware.
4. Remove the lower shock hardware.
5. Remove the old shock absorber and rear spring.
6. Install the new maXpeedingrods rear coilover spring with the adjuster plate.
7. When installing the new rear shock, remove the damping adjustment cap using the provided small hex key. Remove the new hardware and reuse the original upper bushing.
8. Install the new shock absorber and secure the lower bolt. Tighten to 80 Nm (60 ft-lb) of torque.
9. Lower the vehicle to attach the upper shock from inside the trunk. Place the original bushing over the shock mount, then the washer and the nut.
10. Tighten the upper nut with a 17mm socket.
11. Reinstall the damping adjustment topper.

12. Reassemble the trunk interior: carpet liner, foam parts, and plastic loading guard.

5.4. Post-Installation

1. Reinstall the wheels. Hand-start lug nuts, then use a 17mm socket to secure them. Torque lug nuts to 130 Nm (95 ft-lb) of torque.
2. Lower the vehicle completely.
3. Perform a test drive to check for any unusual noises or handling characteristics.
4. It is highly recommended to get a professional wheel alignment after installing new suspension components.



Figure 2: A complete set of maXpeedingRods T6 Series coilovers, including front and rear assemblies, spanner wrenches, and brake line brackets.

5.5. Assembly and Overview Videos

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Video 1: This video demonstrates the assembly process for a coilover, showing how various components fit together. It is useful for understanding the structure of the suspension kit.

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Video 2: This video provides a general overview of the COT6 series coilovers, highlighting their features and design. While not specific to installation, it offers insight into the product's capabilities.

6. ADJUSTMENT GUIDE

6.1. Damping Adjustment (24 Levels)

The coilovers feature 24 levels of damping force adjustment, allowing you to fine-tune your ride for various conditions. The adjustment knob is located at the top of the coilover.

- **Levels 0-8:** Recommended for comfortable street driving.
- **Levels 9-16:** Suitable for mountain roads or more spirited driving.
- **Levels 17-24:** Designed for track use, offering maximum stiffness and control.



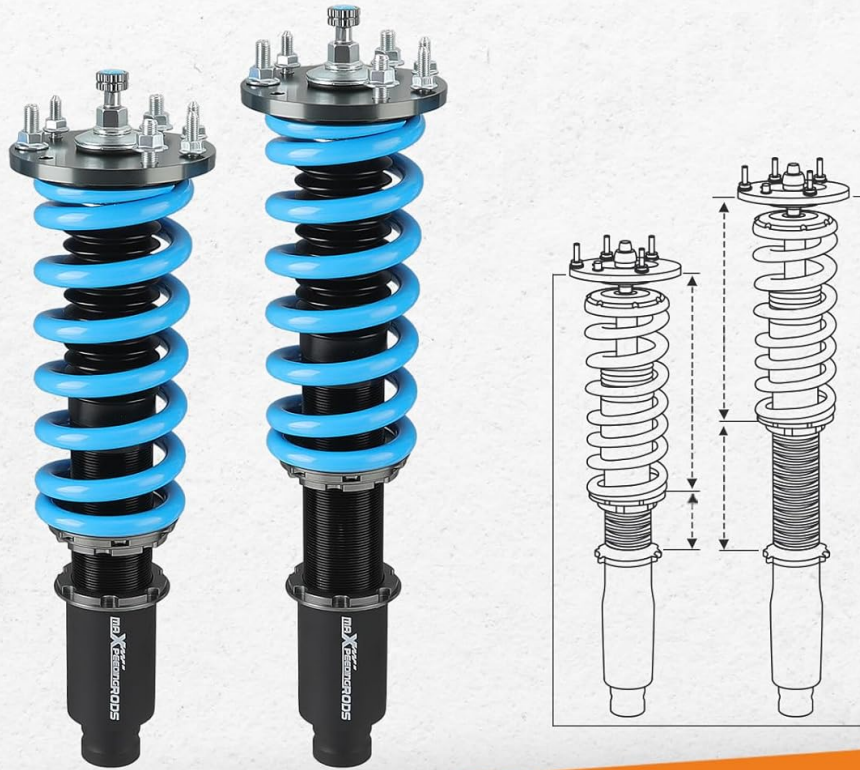
Figure 3: Close-up view of the damping adjuster knob, showing the 'Soft' to 'Hard' settings for rebound damping adjustment.

6.2. Height Adjustment

The coilovers allow for 1-3 inches of ride height adjustment. This is achieved by rotating the lower mount on the threaded shock body. Use the provided spanner wrenches to loosen the locking collars, adjust the height, and then re-tighten the collars securely.

Height Adjustable

Independent Ride Height And Spring Tension Settings



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Figure 4: Diagram illustrating the independent ride height and spring tension settings, showing how the coilover can be adjusted for desired vehicle height.

7. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your coilovers.

- **Regular Inspection:** Periodically inspect the coilovers for any signs of damage, leaks, or loose components. Check for wear on bushings and mounts.
- **Cleaning:** Keep the coilovers clean from dirt, salt, and debris, especially the threaded sections. Use mild soap and water, then rinse thoroughly.
- **Lubrication:** Apply a thin layer of anti-seize lubricant to the threads of the coilover body and locking collars to prevent seizing and facilitate future adjustments.
- **Dust Boots:** Ensure the full-length dust boots are intact and properly seated to protect the piston rod from contaminants.

Full Length Dust Boot

Protect Rod & Piston From Dust



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Figure 5: Close-up view of the full-length dust boot, designed to protect the rod and piston from dust and debris.

8. TROUBLESHOOTING

If you experience issues with your coilovers, consider the following common problems and solutions:

- **Unusual Noises (Clunking/Squeaking):**
 - Check all mounting bolts for proper torque.
 - Inspect bushings for wear or damage.
 - Ensure spring seats and locking collars are tight.
- **Poor Ride Quality (Too Stiff/Too Soft):**
 - Adjust damping settings according to Section 6.1.
 - Verify spring preload is set correctly.
- **Uneven Ride Height:**
 - Re-measure and adjust ride height on all four corners as per Section 6.2.
 - Ensure locking collars are securely tightened after adjustment.
- **Leaking Shock Absorber:**

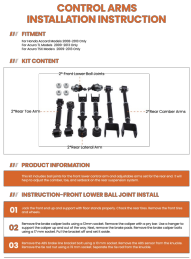


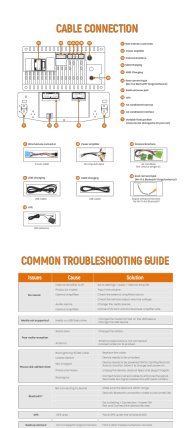
- o A small amount of oil residue is normal. Excessive oil leakage indicates a seal failure. Contact customer support for assistance.

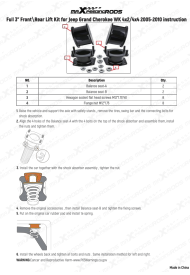

9. WARRANTY AND SUPPORT

For warranty information, technical support, or any questions regarding your maXpeedingrods T6 Series Coilover Suspension Kit, please refer to the warranty card included in your product packaging or visit the official maXpeedingrods website. Always provide your model number (KJ699) and purchase details when contacting support.

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Related Documents - KJ699

	<p>Control Arms Installation Instructions for Honda Accord, Acura TL/TSX - maXpeedingrods CA-ACC-0813-LC</p> <p>Comprehensive installation guide for maXpeedingrods adjustable control arms (CA-ACC-0813-LC) for Honda Accord (2008-2013) and Acura TL/TSX (2009-2013). Includes front and rear arm installation steps for adjusting camber, toe, and setback.</p>
	<p>GMC Sierra 1500 Axle Lowering Drop Flip Kit Installation Guide maXpeedingrods</p> <p>Detailed installation instructions and kit contents for the maXpeedingrods Axle Lowering Drop Flip Kit, designed to lower the rear of GMC Sierra 1500 trucks by up to 7 inches. Includes step-by-step guidance and maintenance tips.</p>
	<p>Maxpeedingrods 092 Audio/Video Receiver User Manual</p> <p>User manual for the Maxpeedingrods 092 Audio/Video Receiver, detailing installation, operation, settings, and troubleshooting for car audio systems.</p>
	<p>maXpeedingrods Car Stereo Installation and Troubleshooting Guide for Honda Accord (2003-2007)</p> <p>Comprehensive guide for installing and troubleshooting the maXpeedingrods Double Din Car Stereo for Honda Accord models from 2003 to 2007. Covers cable connections, component identification, and common issues with solutions, supporting features like Apple CarPlay, Android Auto, GPS, and Bluetooth.</p>

 <p>MAXPEEDINGRODS Fit F Front/Rear Lift Kit for Jeep Grand Cherokee WK and V6 2005-2010 Instruction</p> <p>1. Read the instructions carefully before installation. 2. Make sure the vehicle is on a level surface and the parking brake is set. 3. Use the correct tools and equipment for the job. 4. Do not over-tighten the bolts and nuts. 5. Do not use the vehicle for off-road driving or towing until the lift kit is fully installed and tested.</p>	<p>MAXPEEDINGRODS 3-Inch Front/Rear Lift Kit Installation for Jeep Grand Cherokee WK (2005-2010)</p> <p>Installation instructions for the MAXPEEDINGRODS 3-inch front and rear lift kit designed for Jeep Grand Cherokee WK models from 2005 to 2010. Includes parts list and step-by-step guidance.</p>
 <p>SUSPENSION KIT INSTALLATION GUIDE</p> <p>FIT FOR FORD F-250 2WD 4WD REAR SUSPENSION LEVELING KIT</p>	<p>MAXpeedingRODS Suspension Kit Installation Guide for Ford F-250</p> <p>Detailed installation guide for the MAXpeedingRODS Rear Suspension Leveling Kit (ABK-TF2501723-VLC) for Ford F-250 2WD 4WD vehicles. Includes pre-installation notices and step-by-step instructions.</p>