

Ohlins HD775

Ohlins HD775 S36E Shock Absorber User Manual

Model: HD775 | Brand: Ohlins

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Ohlins HD775 S36E Shock Absorber. To ensure optimal performance and safety, please read this manual thoroughly before installation and use. Ohlins products are designed for high performance and require careful handling and professional installation.



Image: Two Ohlins HD775 S36E Shock Absorbers. These high-performance shock absorbers feature a black finish on both the body and the spring, designed for durability and optimal vehicle handling.

SAFETY INFORMATION

Always prioritize safety. Improper installation or use can lead to serious injury or damage to the vehicle. It is highly recommended that installation and major adjustments be performed by a qualified technician with experience in suspension systems.

- Wear appropriate personal protective equipment (PPE) during installation.
- Ensure the vehicle is securely supported before working on the suspension.
- Do not attempt to disassemble the shock absorber unless specifically instructed by Ohlins service documentation, as it contains high-pressure gas.
- Refer to your vehicle's service manual for specific torque specifications and procedures.

SETUP AND INSTALLATION

The Ohlins HD775 S36E Shock Absorber is designed for specific vehicle applications (ATV, UTV). Ensure this

product is compatible with your vehicle before proceeding.

Pre-Installation Check

- Verify that all components are present and undamaged.
- Confirm the shock absorber's length and mounting points match your vehicle's requirements.

Mounting Instructions

1. Safely lift and support the vehicle according to its service manual.
2. Remove the existing shock absorbers. Note the orientation of the original shocks.
3. Install the Ohlins HD775 S36E shock absorber, ensuring the mounting eyes are correctly aligned.
4. Tighten all mounting bolts to the vehicle manufacturer's specified torque settings. Do not overtighten.
5. Lower the vehicle carefully.

Initial Adjustments (Pre-load)

The HD775 S36E model features a simple design, primarily allowing for spring pre-load adjustment. This adjustment affects the ride height and initial stiffness.

- To adjust pre-load, use the supplied C-spanner wrench to rotate the spring collar.
- Increasing pre-load (compressing the spring) will raise the ride height and make the suspension feel stiffer.
- Decreasing pre-load (decompressing the spring) will lower the ride height and make the suspension feel softer.
- Always adjust both shock absorbers equally to maintain balance.
- Consult an Ohlins authorized service center or a qualified technician for optimal pre-load settings for your specific riding style and load.

OPERATING CONSIDERATIONS

Once installed, the Ohlins HD775 S36E shock absorber will significantly enhance your vehicle's handling and ride quality. While designed for durability, proper operation ensures longevity.

- **Break-in Period:** Allow for a short break-in period (e.g., 50-100 miles) for the shock components to settle.
- **Load Management:** Be mindful of your vehicle's load capacity. Overloading can compromise shock performance and lifespan.
- **Driving Conditions:** While robust, extreme off-road conditions or continuous heavy impacts can accelerate wear.

MAINTENANCE

Regular maintenance is crucial for the performance and longevity of your Ohlins shock absorbers.

Routine Checks

- **Cleaning:** Keep the shock absorbers clean, especially the shaft and seals. Use mild soap and water, then rinse thoroughly. Avoid high-pressure washers directly on seals.
- **Visual Inspection:** Regularly check for signs of oil leakage, damage to the spring, body, or mounting points. Look for bent shafts or worn bushings.
- **Fastener Torque:** Periodically check that all mounting bolts are tightened to the correct torque specifications.

Service Intervals

Ohlins recommends regular servicing by an authorized service center. The frequency depends on usage:

- **Normal Use:** Every 10,000-15,000 miles or annually, whichever comes first.
- **Heavy/Off-Road Use:** More frequent servicing, potentially every 5,000 miles or semi-annually.

Servicing typically includes fluid replacement, seal inspection/replacement, and nitrogen gas recharge.

TROUBLESHOOTING

If you experience issues with your Ohlins HD775 S36E shock absorbers, refer to the following common problems and solutions. For complex issues, contact an authorized Ohlins service center.

Problem	Possible Cause	Solution
Poor Ride Quality / Excessive Bouncing	Incorrect pre-load setting, worn components, low fluid/gas pressure.	Check and adjust pre-load. Inspect for leaks or damage. Professional service may be required.
Oil Leakage	Damaged seals, bent shaft.	Stop using the shock immediately. Requires professional repair or replacement of seals.
Unusual Noises (e.g., clunking)	Loose mounting bolts, worn bushings, internal damage.	Check all mounting bolts for proper torque. Inspect bushings. If noise persists, seek professional inspection.
Uneven Ride Height	Unequal pre-load settings between shocks, damaged spring.	Ensure pre-load is set identically on both shocks. Inspect springs for damage.

SPECIFICATIONS

Key specifications for the Ohlins HD775 S36E Shock Absorber:

- Brand:** Ohlins
- Model Number:** HD775 (also HD 775)
- Auto Part Position:** Rear
- Style:** Simple
- Vehicle Service Type:** ATV, UTV
- Exterior Finish:** Black
- Material:** Metal
- Extended Length:** 12.13 Inches
- Item Weight:** 7.39 pounds
- Package Dimensions:** 19.5 x 9.37 x 5.25 inches

WARRANTY INFORMATION

Ohlins products are covered by a limited warranty. For detailed information regarding the warranty period, coverage, and claims process, please refer to the official Ohlins website or contact your authorized Ohlins dealer. Keep your proof of purchase for warranty purposes.

Note: Unauthorized modifications or improper installation may void the product warranty.

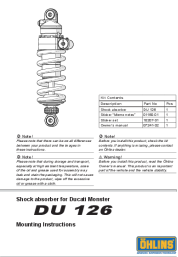

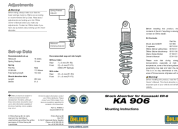
SUPPORT AND CONTACT

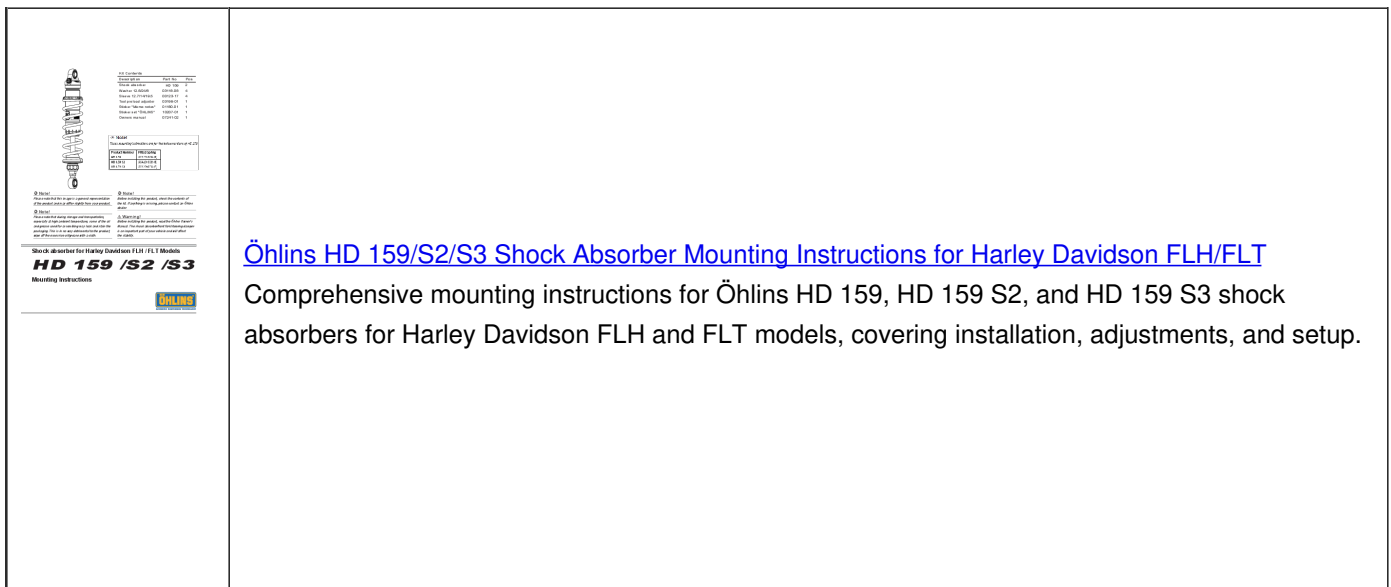
For technical assistance, spare parts, or service, please contact an authorized Ohlins service center or visit the official Ohlins website:

- **Ohlins Official Website:** www.ohlins.com
- **Authorized Dealer Locator:** Refer to the Ohlins website for a list of authorized dealers and service centers in your region.

When contacting support, please have your product model number (HD775) and purchase information readily available.

Related Documents

	<p>Öhlins DU 126 Shock Absorber Mounting and Adjustment Guide for Ducati Monster</p> <p>Official mounting and adjustment instructions for the Öhlins DU 126 shock absorber, designed for Ducati Monster motorcycles. Includes kit contents, installation steps, setup data, and important warnings.</p>
	<p>Öhlins HD 513 Shock Absorber Mounting Instructions for Harley Davidson Softail</p> <p>Detailed mounting instructions for the Öhlins HD 513 shock absorber for Harley Davidson Softail motorcycles. Includes kit contents, warnings, step-by-step installation guide, and setup data.</p>
	<p>Öhlins KA 906 Shock Absorber Mounting Instructions for Kawasaki ER-6</p> <p>Detailed mounting instructions and setup data for the Öhlins KA 906 rear shock absorber, designed for the Kawasaki ER-6 motorcycle. Includes kit contents, adjustments, and installation steps.</p>



Documents - Ohlins – HD775

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