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WP XACT PRO 85 (0472C104U203220)

WP XACT PRO Front Forks Suspension Shock Absorber User Manual

Model: XACT PRO 85 (0472C104U203220)

Brand: WP

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, maintenance, and troubleshooting of your WP XACT PRO Front Forks Suspension Shock Absorber. Designed for high-performance motocross applications, these forks offer superior damping and adjustability. Please read this manual thoroughly before use to ensure optimal performance and safety.



Image 1.1: WP XACT PRO Front Forks. This image displays the complete assembly of two WP XACT PRO front suspension forks, highlighting their design and branding.

2. PRODUCT OVERVIEW

The WP XACT PRO 85cc Front Forks are high-performance suspension components engineered for 2021-2025 KTM 85 SX, Husqvarna TC 85, and GasGas MC 85 motocross bikes. These forks incorporate advanced Cone Valve technology to deliver a plush suspension feel, reduce harshness, and improve traction across varied terrains. Their lightweight, high-strength construction enhances handling, speed, and durability.

Key Features:

- **Factory Racing Upgrade:** Provides elite-level performance for maximum control, stability, and precision handling.
- **Cone Valve Technology:** Offers superior damping, reduced harshness, and improved traction.
- **Fully Adjustable:** Precision-tuned compression and rebound adjusters allow customization for various track conditions and rider preferences.
- **Lightweight and Durable:** Constructed from high-quality CNC-machined materials for exceptional

strength, durability, and weight savings.



Image 2.1: XACT PRO Technology Details. This close-up image highlights the 'XACT PRO' branding along with 'Cone Valve' and 'Closed Cartridge' indicators on the fork leg, signifying advanced internal technology.



Image 2.2: Lightweight and Durable Construction. This graphic illustrates the lightweight and durable nature of the forks, made from high-quality materials for strength and weight savings.

3. COMPATIBILITY

These WP XACT PRO Front Forks are specifically designed for a seamless fit and easy installation on the following models:

- KTM 85 SX (2021-2025)
- Husqvarna TC 85 (2021-2025)
- GasGas MC 85 (2021-2025)

No modifications are needed for these specific models; simply swap your stock forks for an instant upgrade in handling and performance.

4. SETUP AND INSTALLATION

Proper installation is crucial for the performance and safety of your WP XACT PRO forks. It is highly recommended that installation be performed by a qualified motorcycle technician.

4.1 Unpacking and Initial Inspection:

1. Carefully remove the forks from their packaging.
2. Inspect both forks for any signs of shipping damage, scratches, or leaks.
3. Verify that all components are present as per the packing list (if provided).

4.2 Installation Procedure:

1. Refer to your motorcycle's official service manual for specific instructions on removing the original front forks.
2. Clean the triple clamps and axle area thoroughly before installing the new forks.
3. Carefully slide the WP XACT PRO forks into the triple clamps, ensuring they are aligned correctly.

4. Tighten the triple clamp bolts to the torque specifications provided in your motorcycle's service manual. Incorrect torque can lead to damage or unsafe operation.
5. Install the front wheel, brake caliper, and fender, ensuring all fasteners are torqued to specification.

4.3 Initial Adjustments:

After installation, perform initial adjustments before riding.

- **Sag Adjustment:** Set the static and rider sag according to your weight and riding style. Consult your motorcycle's service manual or a suspension specialist for recommended sag values for your bike.
- **Clicker Settings:** The forks come with factory default compression and rebound settings. These are starting points. Refer to the 'Operating' section for guidance on fine-tuning.



Image 4.1: Forks Installed on a Dirt Bike. This image shows the WP XACT PRO forks mounted on a motocross bike, demonstrating their appearance in an operational context. A smaller inset displays the forks individually.

5. OPERATING AND ADJUSTMENTS

The WP XACT PRO forks are fully adjustable to optimize your riding experience. Understanding these

adjustments is key to maximizing performance.

5.1 Compression Damping:

Controls how quickly the fork compresses. Adjustments are typically made via a clicker on the top of the fork leg.

- **Softer (fewer clicks in):** Allows the fork to compress more easily, suitable for bumpy terrain or slower speeds.
- **Stiffer (more clicks in):** Resists compression more, suitable for jumps, hard landings, or faster speeds.

5.2 Rebound Damping:

Controls how quickly the fork extends after compression. Adjustments are typically made via a clicker on the bottom of the fork leg.

- **Faster (fewer clicks in):** Allows the fork to extend more quickly, preventing packing down on successive bumps.
- **Slower (more clicks in):** Controls the extension, preventing the fork from topping out too quickly or kicking the front wheel up.

5.3 Tuning Tips:

- Make small adjustments (1-2 clicks at a time) and test the changes.
- Keep a record of your settings for different track conditions.
- Adjust one setting at a time to understand its effect.
- Always test adjustments in a safe, controlled environment.

6. MAINTENANCE

Regular maintenance is essential to preserve the performance and longevity of your WP XACT PRO forks.

6.1 After Each Ride:

- Clean the outer tubes and fork seals thoroughly to remove dirt, mud, and debris. Use a soft cloth and mild cleaning solution.
- Inspect for any visible damage, leaks, or loose components.

6.2 Periodic Maintenance (Recommended by a Professional):

- **Fork Oil Change:** Fork oil degrades over time and use. Consult a WP service center or a qualified technician for recommended service intervals (typically every 20-40 hours of riding, depending on intensity).
- **Seal Replacement:** Fork seals are wear items. Replace them when signs of leakage appear or as part of routine service.
- **Internal Inspection:** Have a professional inspect internal components for wear and tear during major service intervals.

Warning: Attempting internal fork service without proper tools, knowledge, and training can result in damage to the forks and serious injury. Always seek professional assistance for complex maintenance tasks.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your WP XACT PRO forks.

7.1 Common Issues and Solutions:

- **Harshness / Stiff Feel:**

Possible Cause: Compression damping too stiff, too much fork oil, or incorrect spring rate.

Solution: Reduce compression damping (fewer clicks in). If the issue persists, consult a professional for fork oil level or spring rate assessment.

- **Bottoming Out Easily:**

Possible Cause: Compression damping too soft, too little fork oil, or incorrect spring rate.

Solution: Increase compression damping (more clicks in). Ensure proper sag is set. If the issue persists, consult a professional.

- **Lack of Traction / Front End Push:**

Possible Cause: Rebound damping too fast, or compression damping too stiff.

Solution: Slow down rebound damping (more clicks in). Slightly reduce compression damping.

- **Front End Kicks Up / Topping Out:**

Possible Cause: Rebound damping too slow.

Solution: Speed up rebound damping (fewer clicks in).

- **Oil Leaks from Seals:**

Possible Cause: Damaged or worn fork seals, dirt under seals.

Solution: Clean seals with a seal mate tool. If leaks persist, seals need replacement by a qualified technician.

7.2 When to Seek Professional Help:

If you are unable to resolve an issue using the troubleshooting steps, or if you suspect internal damage, contact a certified WP service center or a professional suspension technician. Do not attempt repairs beyond your skill level.

8. SPECIFICATIONS

Attribute	Value
Manufacturer	WP
Brand	Generic (Product is WP)
Model	XACT PRO 85
Item Model Number	0472C104U203220
Item Weight	15.4 pounds
Package Dimensions	40 x 13 x 4 inches
Exterior Material	Aluminum
Position	Front
Automotive Fit Type	Vehicle Specific Fit

9. WARRANTY AND SUPPORT

For warranty information, service, or technical support regarding your WP XACT PRO Front Forks, please refer to the official WP Suspension website or contact an authorized WP dealer or service center. Keep your proof of purchase for warranty claims.

Contact Information: Please visit the official WP Suspension website for the most up-to-date contact details and service center locations.

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