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**X-PRO 396-999074**

# X-PRO 19" Front Wheel Rim Tire Assembly User Manual

Model: 396-999074

## PRODUCT OVERVIEW

This manual provides essential information for the installation, operation, and maintenance of your X-PRO 19" Front Wheel Rim Tire Assembly. Please read thoroughly before use.



Figure 1: Complete X-PRO 19" Front Wheel Rim Tire Assembly.



Figure 2: Angled view showcasing the rim, spokes, and tire tread.

## Key Features:

- Brand new 19" front wheel rim tire assembly.
- Designed specifically for disc brake systems.
- Tire size: 70/100-19.
- Compatible with 15mm axles.
- Features a durable iron hub.
- Includes tire, inner tube, and rim.

## COMPATIBILITY AND IMPORTANT NOTES

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This front wheel assembly is designed for dirt bikes. It is crucial to verify compatibility with your specific vehicle model before installation. This wheel is only compatible with disc brake systems.

**Important: Additional modifications may be necessary for proper fitment on some vehicles. Compatibility is not guaranteed for all models.**

## Measurements for Compatibility:

- Brake rotor center hole diameter: 100mm.
- Brake rotor inner diameter (ID): 76mm.



Figure 3: Close-up of the tire sidewall showing the 70/100-19 size marking.



Figure 4: Detail of the wheel hub, showing the integrated 15mm bearing assembly.



Figure 5: Digital caliper measuring the brake rotor center hole diameter at 100mm.



Figure 6: Digital caliper measuring the brake rotor inner diameter at 76mm.

## SETUP AND INSTALLATION

Proper installation is critical for safety and performance. If you are unsure about any step, consult a qualified mechanic.

### Required Tools (Not Included):

- Wrenches appropriate for axle nuts and brake caliper bolts.
- Torque wrench.
- Bike stand or lift.
- Grease for axle and bearings.

### Installation Steps:

1. **Prepare the Motorcycle:** Securely place the dirt bike on a stand, ensuring the front wheel is off the ground and stable.

- 2. Remove Old Wheel (if applicable):** Loosen and remove the front axle nut. Carefully slide out the axle. Support the old wheel as it is removed from the fork. Detach the brake caliper from its mounting bracket if necessary, ensuring it does not hang by the brake line.
- 3. Inspect New Wheel:** Before installation, inspect the new X-PRO wheel for any shipping damage. Verify the tire is properly seated on the rim and inflated to the recommended pressure (refer to tire sidewall for maximum pressure, adjust for riding conditions).
- 4. Install Brake Rotor (if not pre-installed):** If your brake rotor is separate, align it with the mounting holes on the wheel hub and secure it with appropriate bolts. Ensure bolts are torqued to manufacturer specifications.
- 5. Position New Wheel:** Carefully lift the new wheel into the front forks, aligning the brake rotor with the brake caliper. Ensure the wheel spacers (if applicable) are correctly positioned on each side of the hub.
- 6. Insert Axle:** Apply a thin layer of grease to the axle. Slide the axle through the fork leg, wheel hub, and the other fork leg. Ensure all components are aligned.
- 7. Tighten Axle Nut:** Install and tighten the axle nut to the motorcycle manufacturer's specified torque. Do not overtighten.
- 8. Reattach Brake Caliper:** Reattach the brake caliper to its mounting bracket on the fork. Torque the caliper bolts to specifications.
- 9. Final Checks:** Spin the wheel to ensure it rotates freely without rubbing. Check brake operation. Pump the front brake lever several times to ensure proper brake pad engagement.

## OPERATING CONSIDERATIONS

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Once installed, the X-PRO front wheel assembly is ready for use. Always adhere to safe riding practices and local regulations.

### Tire Pressure:

Maintain correct tire pressure as specified by your motorcycle manufacturer or the tire's sidewall. Incorrect pressure can affect handling, tire wear, and safety.

### Brake System:

Ensure your disc brake system is functioning optimally. Regularly check brake fluid levels, pad wear, and rotor condition.

## MAINTENANCE

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Regular maintenance will extend the life of your wheel assembly and ensure safe operation.

### Routine Checks:

- Tire Condition:** Inspect the tire for cuts, punctures, excessive wear, or cracks before each ride. Check tread depth.
- Spoke Tension:** Periodically check spoke tension. Loose spokes can lead to wheel instability and damage. If spokes are loose, have them tightened by a professional.
- Bearing Play:** Check for any excessive play in the wheel bearings. If play is detected, bearings may need to be replaced.
- Rim Condition:** Inspect the rim for dents, cracks, or bends, especially after impacts.
- Brake Rotor:** Check the brake rotor for warping, excessive wear, or damage.

### Cleaning:

Clean the wheel assembly with mild soap and water. Avoid harsh chemicals that can damage the tire or finish.

## TROUBLESHOOTING

This section addresses common issues you might encounter with your front wheel assembly.

Problem	Possible Cause	Solution
Wheel wobbles or feels loose	Loose axle nut, worn wheel bearings, loose spokes, bent rim.	Check and tighten axle nut. Inspect and replace bearings if worn. Have spokes tensioned by a professional. Inspect rim for damage.
Brake rubbing or inconsistent braking	Misaligned brake caliper, warped brake rotor, worn brake pads.	Realign brake caliper. Inspect and replace warped rotor. Replace worn brake pads.
Tire loses air quickly	Puncture, faulty valve stem, improperly seated tire bead.	Inspect tire for punctures and repair/replace. Check valve stem. Ensure tire bead is fully seated.

## SPECIFICATIONS

Attribute	Detail
Brand	X-PRO
Model Number	396-999074
Wheel Size	19 Inches
Tire Size	70/100-19
Axle Compatibility	15mm
Brake Type Compatibility	Disc Brake
Brake Rotor Center Hole Diameter	100mm
Brake Rotor Inner Diameter (ID)	76mm
Hub Material	Iron
Load Index	50
Tread Depth	15 Millimeters
Color	Metallic
UPC	754169629045
Country of Origin	China

## WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official X-PRO website or contact your retailer. Keep your purchase receipt for warranty claims.

**Manufacturer:** X-PRO

**Contact:** Visit the [X-PRO Store on Amazon](#) for more information and support resources.

## Related Documents - 396-999074

	<p><a href="#"><u>X-PRO 50cc 2-Stroke Dirt Bike Owner's Manual</u></a></p> <p>Comprehensive owner's manual for the X-PRO 50cc 2-Stroke Dirt Bike, covering safety, assembly, operation, maintenance, troubleshooting, and warranty information. Designed for competition use only.</p>
 YOU MUST READ THE QUICK GUIDE BEFORE YOU START!	<p><a href="#"><u>X-PRO Motorcycle Quick Start Guide and Tips</u></a></p> <p>Essential quick start guide and tips for X-PRO motorcycles, including assembly advice, maintenance recommendations, and warranty information.</p>
 YOU MUST READ THIS QUICK GUIDE BEFORE YOU START!	<p><a href="#"><u>X-PRO ATV Speed Limiter Adjustment and Operation Tips</u></a></p> <p>A quick guide from X-PRO on how to adjust the speed limiter on your ATV (model HS110A-A/ATV-D02), along with essential operating tips for safe and proper use. Includes support contact information.</p>
 YOU MUST READ THIS QUICK GUIDE BEFORE YOU START!	<p><a href="#"><u>X-PRO ATV Speed Limiter Adjustment and Operation Tips</u></a></p> <p>Learn how to adjust the speed limiter on your X-PRO ATV (CT110-2/ATV-P012) and find essential operating tips for safe and optimal performance. Includes guidance on oil changes, battery, and more.</p>



[Michelin RV Tires: Guide for Proper Use, Maintenance, and Information](#)

Comprehensive guide from Michelin on RV tire selection, proper use, maintenance, safety, and troubleshooting. Learn about inflation, wear, common damages, weighing procedures, and load charts for optimal RV performance and longevity.

[Viltrox AF 15mm F1.7 XF Lens Compatibility List v1.0.1](#)

Viltrox AF 15mm F1.7 XF lens compatibility guide for Fujifilm X-Mount cameras. Check camera model and firmware compatibility for photo and video modes.