## X-PRO MC-N366

# X-PRO 250cc EFI Motorcycle Instruction Manual

Model: MC-N366

## Introduction

This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your X-PRO 250cc EFI Motorcycle. Please read this manual thoroughly before operating the motorcycle and keep it for future reference.

**Important Note:** The Manufacturer Statement of Origin (MSO) and Bill of Sale paperwork will be sent to you by separate mail. Please ensure there is no problem with the product and you intend to keep it before registering it. Do not purchase a license and title it prior to receiving the package.

## Product Overview

The X-PRO 250cc EFI Motorcycle is a versatile street bike designed for a balanced riding experience. It features a 223cc engine, 6-speed manual transmission, and 17-inch front and rear tires suitable for various road conditions.



Figure 1: X-PRO 250cc EFI Motorcycle (Black)




Figure 2: Side view of the X-PRO 250cc EFI Motorcycle (Black)




Figure 3: Front view of the X-PRO 250cc EFI Motorcycle (Black)

## Setup and Assembly

Your X-PRO 250cc EFI Motorcycle is shipped approximately 95% assembled. Final assembly primarily involves connecting the battery, installing the handlebars, and attaching the rearview mirrors. Please follow the steps below carefully.

### Uncrating and Initial Inspection

Upon arrival, inspect the packaging for any signs of damage. Carefully remove the outer cardboard box and the metal frame securing the motorcycle.



Figure 4: Motorcycle secured within its shipping crate.




Figure 5: X-PRO branded shipping box.

## Detailed Assembly Steps

1. **Unpacking Components:** Carefully cut and remove all protective wrapping and zip ties securing the motorcycle and its components. Locate the box containing the assembly hardware and tools.
2. **Handlebar Installation:** Position the handlebars correctly on the triple clamp. Secure them using the provided bolts and an Allen wrench. Ensure they are centered and tightened securely.
3. **Rearview Mirror Attachment:** Assemble the rearview mirrors by attaching the mirror head to the stem. Insert the mirror assembly into the designated mounting points on the fairing and tighten the retaining bolts with an Allen wrench. Adjust the mirrors for optimal rear visibility.
4. **Battery Connection:** Locate the battery compartment, typically under the seat. Connect the positive (+) red terminal first, then the negative (-) black terminal. Ensure connections are tight.
5. **Side Panel Installation:** Reattach any side panels removed during battery access or for shipping. Secure them with

the appropriate screws.

6. **Final Checks:** Remove any remaining shipping straps from the wheels. Verify all bolts and fasteners are tight.

### Assembly Video Guide

For a visual guide on the assembly process, please refer to the official X-Pro 250cc Motorcycle Assembly and Startup Video below. This video demonstrates the steps for uncrating, installing handlebars, mirrors, and connecting the battery.



Video 1: X-Pro 250cc Motorcycle Assembly and Startup Guide. This video demonstrates the complete assembly process from uncrating to initial startup.

Additionally, a specific video for mirror installation is provided:



Video 2: BD250-5 Mirror Installation Guide. This video focuses specifically on the correct procedure for attaching the rearview mirrors.

## Operating Instructions

### Pre-Ride Checks

- Check tire pressure and condition.
- Verify brake fluid levels and brake operation.
- Inspect chain tension and lubrication.
- Ensure all lights (headlight, taillight, turn signals) are functional.
- Check fuel level.
- Confirm mirrors are properly adjusted.

### Starting the Engine

1. Insert the key into the ignition and turn it to the "ON" position. The instrument panel should illuminate.
2. Ensure the transmission is in neutral (green 'N' indicator light on the dashboard).
3. Press the engine start button located on the right handlebar.
4. Allow the engine to warm up for a few minutes before riding, especially in colder conditions.



Video 3: X-Pro 250cc Motorcycle Startup Demonstration. This video shows the dashboard lights and engine startup sequence.

### Gear Shifting

The motorcycle is equipped with a 6-speed manual transmission. Familiarize yourself with the clutch and gear shift lever operation before riding. Shift smoothly to avoid engine strain and ensure optimal performance.

## Maintenance

Regular maintenance is crucial for the longevity and safe operation of your X-PRO 250cc EFI Motorcycle. Refer to the full owner's manual for a detailed maintenance schedule.

- **Oil Changes:** Perform initial oil change after the first 300 miles, then every 1,000-1,500 miles or as recommended in the full manual.
- **Chain Maintenance:** Regularly clean, lubricate, and adjust the drive chain.

- **Brake System:** Check brake pads, fluid levels, and hose condition periodically.
- **Tires:** Maintain correct tire pressure and inspect for wear or damage.
- **Spark Plug:** Inspect and replace the spark plug as needed for optimal engine performance.
- **Air Filter:** Clean or replace the air filter regularly, especially when riding in dusty conditions.

## Troubleshooting

This section covers common issues and their potential solutions. For complex problems, consult a qualified technician.

| Problem | Possible Cause | Solution |
|---|---|---|
| Engine does not start | Low battery, no fuel, kill switch engaged, faulty spark plug. | Check battery connections, ensure fuel in tank, disengage kill switch, inspect/replace spark plug. |
| Engine stalls frequently | Idle speed too low, fuel system issue, dirty air filter. | Adjust idle speed, check fuel lines, clean/replace air filter. |
| Poor braking performance | Worn brake pads, low brake fluid, air in brake lines. | Inspect/replace brake pads, top up brake fluid, bleed brake lines (professional service recommended). |

## Specifications

- **Engine Displacement:** 223cc
- **Transmission:** 6-Speed Manual
- **Fuel System:** EFI (Electronic Fuel Injection)
- **Tire Size:** 17" Front and Rear
- **Model Number:** MC-N366
- **Manufacturer:** X-Pro

## Warranty and Support

For warranty information, please refer to the documentation included with your purchase or contact X-PRO customer support. For technical assistance or parts inquiries, please visit the official X-PRO website or contact their customer service department.
XPROUSA is committed to providing reliable supply chains and maintaining warehouses in the U.S. for parts, ensuring fast and reliable support.

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**Question**

Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

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