

X-PRO MC-N366

X-PRO 250cc EFI Motorcycle Instruction Manual

Model: MC-N366 | Brand: X-PRO

1. SAFETY INFORMATION

Always wear appropriate safety gear, including a helmet, eye protection, gloves, and protective clothing, when operating the motorcycle. Read and understand all instructions before assembly and operation. Ensure all components are securely fastened and in proper working order before each ride. Do not operate the motorcycle under the influence of alcohol or drugs. Always follow local traffic laws and regulations.

This motorcycle is shipped 95% assembled. It is crucial to connect the battery and install the rear view mirrors yourself. Ensure there are no issues with the product before registering it. Do not purchase a license or title the motorcycle prior to receiving and inspecting the package.

2. SETUP & ASSEMBLY

Your X-PRO 250cc EFI Motorcycle arrives securely crated to prevent damage during transit. The following steps outline the necessary assembly procedures to get your motorcycle ready for operation.



Figure 2.1: X-PRO 250cc EFI Motorcycle in its shipping crate.



Figure 2.2: The exterior of the X-PRO motorcycle shipping box.

2.1 Uncrating and Initial Unpacking

Carefully remove the outer cardboard box and the metal frame surrounding the motorcycle. Ensure all packing materials are removed from the motorcycle itself. Locate the accessory box containing the mirrors, handlebars, and other small parts.

Your browser does not support the video tag. Please update your browser to view this content.

Video 2.1: Detailed assembly and startup guide for the X-Pro 250cc Motorcycle, including uncrating and initial setup.

2.2 Handlebar Installation

Attach the handlebars to the triple clamp using the provided bolts and an Allen wrench. Ensure they are centered and tightened securely for proper steering control.

2.3 Mirror Installation

Install the rear view mirrors onto the designated mounting points on the fairing. Use the provided Allen wrench to tighten the bolts, ensuring the mirrors are stable and provide a clear view.

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Video 2.2: Instructions on how to properly install the mirrors on the BD250-5 motorcycle model.

2.4 Battery Connection

Locate the battery compartment, typically under the seat. Connect the positive (+) red terminal first, followed by the negative (-) black terminal. Ensure connections are tight to prevent electrical issues.

2.5 Fairing/Panel Attachment

Secure any loose fairings or panels using the provided screws and tools. These panels protect internal components and contribute to the motorcycle's aerodynamic design.



Figure 2.3: Front view of the fully assembled X-PRO 250cc EFI Motorcycle.



Figure 2.4: Side view of the fully assembled X-PRO 250cc EFI Motorcycle.



Figure 2.5: Angled front view of the fully assembled X-PRO 250cc EFI Motorcycle.

3. OPERATING INSTRUCTIONS

3.1 Starting the Engine

To start the motorcycle, ensure the ignition key is inserted and turned to the 'ON' position. The digital dashboard will illuminate, and the fuel pump will prime. With the transmission in neutral (green 'N' light illuminated on the dashboard) and the kickstand up, press the engine start button located on the right handlebar. If the engine does not start immediately, avoid prolonged cranking and allow the starter to cool before attempting again.

3.2 Controls Overview

The motorcycle features standard controls. The left handlebar includes the clutch lever, turn signal switch, horn button, and high/low beam switch. The right handlebar includes the front brake lever, engine kill switch, and electric start button. The digital dashboard provides essential information such as speed, RPM, gear indicator, and warning lights.

3.3 Transmission

The X-PRO 250cc EFI Motorcycle is equipped with a 6-speed manual transmission. This allows for precise control over power delivery and fuel efficiency, especially at varying speeds and terrains. Familiarize yourself with the shift pattern (typically 1-N-2-3-4-5-6) before riding.

3.4 Engine

Powered by a 223cc Electronic Fuel Injection (EFI) engine, this motorcycle offers a balanced combination of power, fuel efficiency, and maneuverability. The EFI system ensures optimal fuel delivery for consistent performance and reduced emissions.

3.5 Tires

The motorcycle features 17-inch front and rear tires, providing improved ground clearance, stability, and traction. Regularly check tire pressure and tread depth to ensure safe and optimal performance.

4. MAINTENANCE

Regular maintenance is essential for the longevity and safe operation of your motorcycle. Perform routine checks before each ride and adhere to the recommended service intervals.

- **Oil Changes:** Change engine oil at recommended intervals. Refer to the full service manual for specific oil types and capacities.
- **Spark Plug:** Inspect and replace the spark plug as needed. A clean, properly gapped spark plug is crucial for efficient combustion.
- **Battery:** Keep the battery charged, especially during periods of non-use. Consider using a battery tender to maintain optimal charge.
- **Chain Lubrication:** Regularly clean and lubricate the drive chain to ensure smooth operation and prevent premature wear.
- **Brake System:** Check brake fluid levels and inspect brake pads for wear. Ensure proper brake function before each ride.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your motorcycle.

- **Idling/Stalling Issues:** If the motorcycle experiences idling issues or frequently stalls, especially at red lights or when stationary, it may be related to the TMAP sensor or spark plug. Consult a qualified technician for diagnosis and replacement if necessary.
- **Clutch Cable Problems:** In rare cases, the clutch cable may break or become damaged. If this occurs, the motorcycle will not be able to shift gears. Immediate replacement of the clutch cable is required.
- **Overheating:** For riders in hot or humid climates, consider installing an oil cooler to prevent the engine from overheating during extended use.

6. SPECIFICATIONS

Feature	Specification
Manufacturer	X-Pro
Brand	X-PRO
Model	MC-N366
Engine Displacement	223cc

Transmission	6 Speed Manual
Fuel System	EFI (Electronic Fuel Injection)
Tire Size	17 inches (Front and Rear)
Assembly Level	95% Assembled (requires battery connection and mirror installation)

7. WARRANTY AND SUPPORT

XPROUSA is committed to providing quality products and dedicated after-sales support. For any parts, service, or advice, please contact XPROUSA directly. The Manufacturer Statement of Origin (MSO) and Bill of Sale paperwork will be sent to you by separate mail for registration purposes.

XPROUSA maintains a stock of parts for most vehicles sold, ensuring fast and reliable support for your motorcycle. Their skilled technicians are available to ensure every part matches perfectly and to assist with any technical inquiries.