

X-PRO DB-W022

X-PRO Hawk 250 Dirt Bike Motorcycle Instruction Manual

Model: DB-W022

INTRODUCTION

This manual provides essential information for the safe operation, assembly, and maintenance of your X-PRO Hawk 250 Dirt Bike Motorcycle. Please read this manual thoroughly before operating the motorcycle to ensure proper use and longevity.

SAFETY INFORMATION

Always wear appropriate safety gear, including a helmet, eye protection, gloves, and protective clothing, when operating the motorcycle.

Ensure all components are securely fastened and in good working order before each ride.

Do not operate the motorcycle under the influence of alcohol or drugs.

Observe all local traffic laws and regulations if operating on public roads.

Keep hands and feet clear of moving parts, especially the chain and wheels.

WHAT'S IN THE BOX

- X-PRO Hawk 250 Dirt Bike Motorcycle (partially assembled)
- Instruction Manual
- Tool Kit
- Paperwork for street legal registration (sent separately)

ASSEMBLY

Your X-PRO Hawk 250 requires some assembly upon arrival. While specific instructions are provided in the included manual, general assembly steps typically include:

- Attaching the handlebar brackets and handlebars.
- Installing the front wheel.
- Connecting and adjusting the brakes.
- Mounting the number plate and front fender.
- Connecting the rear shock (if not pre-mounted).
- Charging the battery before first use.

It is recommended to have an additional person assist during certain assembly steps, such as holding the bike upright before the front wheel is installed.

Important: Apply blue Loctite to all fasteners during assembly to prevent loosening from vibrations.



Figure 1: Fully assembled X-PRO Hawk 250 Dirt Bike Motorcycle.



Figure 2: Front view of the X-PRO Hawk 250, highlighting the handlebars and front wheel assembly area.

SETUP

After assembly, perform the following setup steps:

1. **Fueling:** Fill the fuel tank with appropriate gasoline. Refer to the specific fuel type recommended in your detailed manual.
2. **Oil Check:** Verify engine oil levels. It is highly recommended to drain and replace the factory-supplied oil with fresh engine oil before first use.
3. **Tire Pressure:** Check and adjust tire pressure to the recommended PSI for both front and rear tires.
4. **Controls Adjustment:** Adjust clutch and throttle cables for proper tension and smooth operation.
5. **Brake Check:** Ensure both front and rear brakes are functioning correctly and provide adequate stopping power.
6. **Lights and Signals:** Test all lights (headlight, taillight, turn signals) and the horn for functionality.

OPERATING INSTRUCTIONS

Starting the Motorcycle

The X-PRO Hawk 250 features both electric and kick start options.

1. Ensure the motorcycle is in neutral.
2. Turn the ignition key to the "ON" position.
3. If the engine is cold, engage the choke.
4. For electric start: Press the electric start button.
5. For kick start: Use the kick starter lever with a firm, swift motion.
6. Once the engine starts, gradually disengage the choke as the engine warms up.

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Video 1: Demonstration of a cold start for the X-PRO Hawk 250. This video shows the process of turning on the ignition, engaging the choke, and using the electric start to successfully start the motorcycle. It also demonstrates the engine running and the sound of the exhaust.

Riding the Motorcycle

Familiarize yourself with the controls before riding. The motocross-style seat allows for maximum rider movement, suitable for various terrains.

- Engage the clutch, select first gear, and slowly release the clutch while applying throttle to move forward.
- Shift gears smoothly as needed, coordinating throttle and clutch.
- Use both front and rear brakes for effective stopping.

MAINTENANCE

Regular maintenance is crucial for the performance and longevity of your X-PRO Hawk 250.

- **Oil Changes:** Regularly change the engine oil. It is recommended to drain the factory oil and replace it with fresh oil immediately after purchase.
- **Valve Clearance:** Check valve clearance periodically. The manual specifies the correct clearance (e.g., 0.002 inches). Incorrect clearance can affect engine performance.
- **Chain Maintenance:** Keep the drive chain clean, lubricated, and properly tensioned.
- **Brake System:** Inspect brake pads and fluid levels regularly. The bike features braided stainless

steel brake lines for enhanced performance.

- **Tire Inspection:** Check tires for wear, damage, and proper inflation before each ride.
- **Fastener Check:** Periodically check all nuts and bolts for tightness, especially after initial break-in.
- **Spark Plug:** Consider upgrading and changing the spark plug, especially if installing an aftermarket carburetor, to ensure optimal ignition.



Figure 3: Side view of the X-PRO Hawk 250, showing the engine and exhaust system, key areas for maintenance.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Engine does not start or is difficult to start	Low battery, no fuel, choke not engaged (cold), spark plug issue, carburetor issue.	Charge battery, add fuel, engage choke, check/replace spark plug, inspect carburetor.
Speedometer inaccurate or not working	Speedometer cable too short or kinked, sensor issue.	Inspect cable for kinks, consider replacing with a longer cable if necessary. Use GPS for accurate speed.
Engine runs hot / running lean	Stock carburetor too small, incorrect valve clearance.	Consider upgrading carburetor (e.g., Nibbi FL28), adjust valve clearance to manual specifications.

Problem	Possible Cause	Solution
Fuel gauge not working	Sensor malfunction.	Keep track of miles driven or utilize the reserve tank. Contact support for replacement if desired.

SPECIFICATIONS

- **Brand:** X-PRO
- **Model:** DB-W022
- **Item Weight:** 265 pounds
- **Product Dimensions:** 82.3 x 36.2 x 55.1 inches
- **Special Features:** Electric start, fat tire
- **Wheels:** Big 21"/18" Wheels
- **Seat:** Motocross-style, low and comfortable
- **Exhaust:** Stylish high-performance exhaust pipe
- **Brakes:** Braided stainless steel brake lines

WARRANTY AND SUPPORT

XPROUSA is committed to providing excellent customer support and stands behind its products. For any issues, parts requests, or technical assistance, please contact XPROUSA customer service.

They maintain a stock of parts for most vehicles sold, ensuring fast and reliable support.

Contact information can typically be found on the X-PRO website or through your purchase platform.



Experienced Aftermarket Service

We take pride in our dedicated after-sales team, which is known for its quick response times and strong commitment to customer satisfaction. Whether you need parts, service, or advice, our knowledgeable team provides a hassle-free experience. Customer satisfaction is XPROUSA's top priority, so choose us for exceptional service that keeps you riding smoothly!

Professional Technical Support

Fast Service Response

Figure 4: XPROUSA's dedicated after-sales team is available for support.