

X-PRO DB-B8

X-PRO Leopard 40 Mini Dirt Bike User Manual

INTRODUCTION

This manual provides essential information for the safe operation, assembly, and maintenance of your X-PRO Leopard 40 Mini Dirt Bike (Model DB-B8). Please read this manual thoroughly before operating the dirt bike to ensure proper use and longevity. Adherence to these instructions will help prevent injury and damage to the product.

SAFETY INFORMATION

General Safety Guidelines

- Always wear appropriate safety gear, including a helmet, eye protection, gloves, and protective clothing.
- Ensure all riders are familiar with the controls and operation of the dirt bike.
- Operate the dirt bike only in designated and safe areas, away from public roads and traffic.
- Never operate the dirt bike under the influence of alcohol or drugs.
- Regularly inspect the dirt bike for any damage or loose parts before each ride.
- Maintain a safe distance from other riders and obstacles.

Product-Specific Safety Features

The X-PRO Leopard 40 Mini Dirt Bike is equipped with:

- **Front and Rear Disc Brakes:** For reliable stopping power and enhanced control.
- **Speed Limiter:** Allows parents to adjust the maximum speed for rider safety, preventing excessive speeds.
- **Front and Rear Shock Absorbers:** Enhance ride stability and comfort, especially on uneven terrain.

ASSEMBLY INSTRUCTIONS

The X-PRO Leopard 40 Mini Dirt Bike requires some assembly upon arrival. This typically includes attaching the handle bar brackets, wheels, brakes, number plate, and fender. Specific assembly steps may vary slightly by model.



Image: Various components of the dirt bike, including the frame, engine, wheels, and handlebars, prior to assembly.

For detailed visual guidance on the assembly process, please refer to the official assembly video below:

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Video: X-PRO Leopard 50 Mini Dirt Bike Assembly Video. This video provides a step-by-step guide on how to assemble the X-PRO Leopard Mini Dirt Bike, covering the installation of handlebars, wheels, and other essential components. While it features a 50cc model, the assembly principles are largely similar.

INITIAL SETUP AND PRE-RIDE CHECKS

Fuel and Oil

The X-PRO Leopard 40 features a 4-stroke engine, which means it does not require oil to be mixed with the fuel. Use high-octane gasoline (93 octane recommended) for optimal performance. Ensure the engine oil level is correct before starting. It is recommended to change the engine oil after the first hour of operation to remove any manufacturing debris and ensure proper break-in of the engine components.

Brake Adjustment

Ensure both front and rear disc brakes are properly adjusted and functioning. The brake levers should provide firm and responsive braking action. Check for any looseness in the brake cables or calipers.



Image: A detailed view of the front disc brake caliper and rotor, highlighting the braking mechanism.

OPERATING INSTRUCTIONS

Starting the Engine

1. Ensure the kill switch, typically located on the handlebars, is in the "ON" position.
2. Turn the ignition key to the "ON" position.
3. Engage the choke if the engine is cold. The choke enriches the fuel mixture for easier cold starts.
4. Use the easy pull-start mechanism to start the engine. Pull the cord smoothly and firmly until the engine starts. Avoid excessive force.
5. Once started, gradually disengage the choke as the engine warms up to prevent stalling.

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Video: Easy Start SYX MOTO VK Dirt Bike. This video demonstrates the basic steps to start a mini dirt bike, including ensuring the kill switch is engaged and turning the ignition key. While it features a similar model, the principles apply to the X-PRO Leopard 40.

Riding

Familiarize yourself with the throttle and brake controls before riding. The bike features a chain transmission and a twist grip throttle. Start slowly and gradually increase speed as you become comfortable with the bike's handling. The speed limiter can be adjusted by a parent for younger riders to control maximum speed.



Image: The X-PRO Leopard 40 Mini Dirt Bike in blue, showcasing its overall design and features like the 4-stroke engine, pull start, and 10-inch wheels.

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Video: OGM40 40CC Kids Gas Dirt Bike. This video demonstrates a 40cc kids gas dirt bike in operation, providing a visual reference for riding and handling.

MAINTENANCE GUIDELINES

Regular Checks

- **Oil Changes:** Perform the initial engine oil change after the first hour of use. Subsequent oil changes should follow the manufacturer's recommended schedule, typically found in the engine manual if provided separately.
- **Chain Lubrication:** Regularly lubricate the drive chain with motorcycle chain oil to ensure smooth operation, reduce friction, and prevent premature wear.
- **Brake Inspection:** Check brake pads and discs for wear. Ensure brake cables are free from damage, properly routed, and adjusted for optimal braking performance.
- **Tire Pressure:** Maintain correct tire pressure as specified by the manufacturer for optimal handling, safety, and tire longevity.
- **Fasteners:** Periodically check all nuts, bolts, and other fasteners for tightness. Vibrations from riding

can cause them to loosen over time.



Image: A detailed view of the rear suspension system, indicating the shock absorber for a smoother ride.

TROUBLESHOOTING COMMON ISSUES

Engine Not Starting or Shutting Off

- **Check Fuel Level:** Ensure there is sufficient gasoline in the tank.
- **Kill Switch:** Verify the kill switch is in the "ON" position.
- **Ignition Key:** Confirm the ignition key is turned to "ON".
- **Choke:** Adjust choke position based on engine temperature. Engage for cold starts, disengage once warm.
- **Carburetor Issues:** If the bike starts but won't go, or repeatedly shuts off, it might indicate a carburetor issue. This may require cleaning or adjustment. Consult a qualified mechanic or contact customer support for assistance.

Chain Issues

- **Chain Derailment:** If the chain frequently comes off, check for proper chain tension and alignment. The chain should have a small amount of slack. Ensure the chain is adequately lubricated.
- **Worn Chain/Sprockets:** Inspect the chain and sprockets for excessive wear, stretching, or damaged teeth. Replace if necessary.

Brake Malfunction

- **Weak Braking:** Check brake pad wear and cable tension. Adjust the cable tension as needed. If braking remains weak, inspect the brake fluid level and for any air in the hydraulic system (if applicable).

PRODUCT SPECIFICATIONS

Feature	Detail
Model Number	DB-B8
Bike Type	Dirt Bike
Engine Type	4-Stroke Gas-powered engine
Age Range (Description)	Little Kid
Maximum Weight Recommendation	200 Pounds
Minimum User Height	23 Inches
Wheel Size	10 Inches
Frame Material	Alloy Steel
Suspension Type	Dual
Brake Style	Disc (Front & Rear)
Bicycle Drivetrain Type	Chain Drive
Net Weight	48.4 lbs
Overall Length	48.4 inches
Overall Height	30.7 inches
Seat Height	23.6 inches
Ground Clearance	8.66 inches
Wheelbase	32.28 inches
Assembly Required	Yes



Image: An illustration detailing the dimensions of the dirt bike, including overall length, height, seat height, ground clearance, and wheelbase.

WARRANTY AND SUPPORT

The X-PRO Leopard 40 Mini Dirt Bike comes with a **1-month limited warranty**. Additionally, X-PRO provides a **90-day warranty on replacement parts**, shipped at no cost. To ensure smooth returns or warranty claims, please retain the original packaging for at least 90 days. Please note that any unauthorized modifications to the dirt bike will invalidate the warranty.

For technical support, warranty claims, or to order replacement parts, please contact X-PRO customer service. X-PRO offers in-house warranty and technical support with a full inventory of components and accessories to ensure your product remains operational.

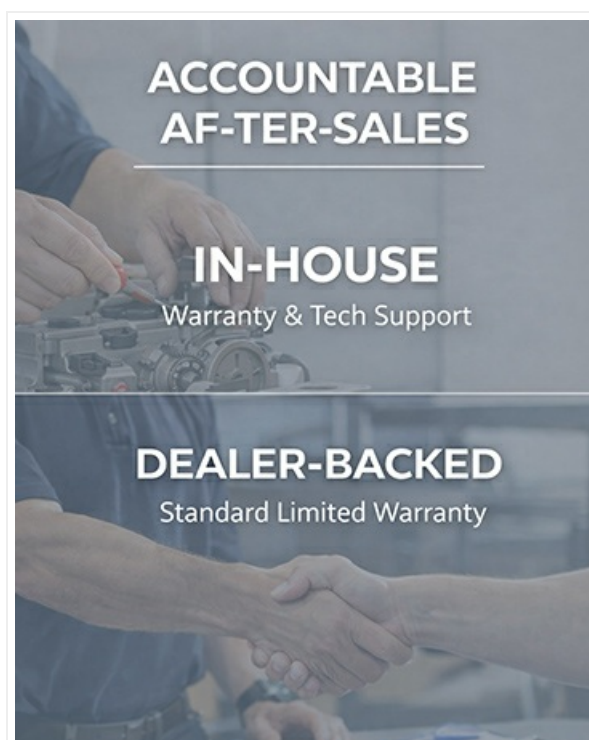


Image: This image symbolizes the availability of replacement parts, indicating comprehensive support for product longevity.

ADDITIONAL MEDIA

Explore more visual guides and demonstrations related to mini dirt bikes.

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Video: 50CC Dirt Bike. This video showcases a 50cc dirt bike in action, demonstrating general riding capabilities in various outdoor settings. Note that this video is for a 50cc model, not the Leopard 40.