

Oryxearth HCf015A

Oryxearth 99CC 4-Stroke Mini Dirt Bike Instruction Manual

MODEL: HCf015A

Your guide to safe and enjoyable operation of your Oryxearth Mini Dirt Bike.

1. INTRODUCTION

The Oryxearth 99CC 4-Stroke Mini Dirt Bike is designed for off-road recreational use, offering a powerful and efficient riding experience. This manual provides essential information for assembly, operation, maintenance, and safety to ensure optimal performance and longevity of your mini dirt bike.

This mini dirt bike features a 99CC 4-stroke OHV engine, providing reliable power with low noise and fuel consumption. It is equipped with wide, off-road pneumatic tires for stability on various terrains and a rear disc brake for effective stopping power. Recommended for users aged 13 and above, with a height between 4.27FT-5.9FT and weighing under 185LBS.

IDEAL FOR BEGINNER MINI BIKES



Top speed

28 Mph



Fuel Tank

0.47 Gal



Range

35 Miles



Figure 1: The Oryxearth Mini Dirt Bike, ready for adventure.

2. SAFETY INFORMATION

WARNING: This product contains small parts. Always ensure all components are securely fastened before operation. Read and understand all safety warnings and instructions before using the mini dirt bike.

- Always wear appropriate safety gear, including a helmet, eye protection, gloves, and sturdy footwear.
- Never operate the mini dirt bike under the influence of alcohol or drugs.
- Ensure the riding area is clear of obstacles and other individuals.
- Do not exceed the maximum weight capacity of 185 LBS.
- Regularly inspect the bike for any loose parts, damage, or wear before each ride.
- This product is EPA approved. Follow all local regulations regarding off-road vehicle use.

3. SETUP AND ASSEMBLY

Your Oryxearth Mini Dirt Bike requires minimal assembly. Please follow the steps below carefully. Refer to the assembly video for visual guidance.

Unboxing and Component Check

- Carefully open the packaging and remove all components.
- Verify that all parts, manuals, and tools are present as per the packing list.

Front Fork and Handlebar Installation

- Align the front fork with the frame, ensuring proper orientation.
- Thread the handlebar through the front fork and secure it using the provided hardware.
- Adjust the handlebar to a comfortable riding position and tighten all bolts securely.

Front Fender and Tire Installation

- Install the front tire onto the front fork, ensuring the tread pattern is facing forward.
- Attach the front fender using the hex screws.

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Video 1: Detailed assembly instructions for the mini dirt bike, covering unboxing, front fork, handlebar, and tire installation.



Figure 2: Key components and features of the Oryxearth Mini Dirt Bike.

4. OPERATING INSTRUCTIONS

Familiarize yourself with the controls and starting procedure before your first ride.

Starting the Engine

1. Ensure the fuel valve lever is in the ON position (usually to the right).
2. Push the choke lever to the START position (usually to the right).
3. Turn the engine stop switch to the ON position.
4. Turn the throttle slightly, then pull the pull starter cord until the engine starts.
5. Once started, gradually move the choke lever to the RUN position (usually to the left).

Riding and Stopping

- The mini dirt bike features an automatic clutch drive system, making it easy to operate without manual shifting.
- Use the twist throttle to control speed. The maximum speed is approximately 24 MPH.
- Apply the rear disc brake for smooth and fast stopping.
- To stop the engine, turn the engine stop switch to the OFF position.

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Video 2: A tutorial demonstrating the correct procedure for starting the mini dirt bike engine.

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Video 3: Overview of the Oryxearth 99CC Mini Dirt Bike in action, highlighting its features and ease of use.

5. MAINTENANCE

Regular maintenance is crucial for the performance and longevity of your mini dirt bike.

Engine Oil

- The 99CC 4-stroke engine requires 10W30 mobile 1 motorcycle oil.
- **Initial Oil Change:** Run the engine for 5 minutes, then change the oil. This is important for engine break-in.
- **Regular Oil Changes:** Change the oil approximately every 40-45 hours of run time, similar to a lawnmower or small engine.

Tires and Brakes

- Regularly check tire pressure and for any signs of wear or damage. The wide off-road pneumatic tires are designed for various terrains.
- Inspect the rear disc brake system for proper function and wear on the brake pads.

Chain Tension

- Ensure the drive chain has proper tension. A loose chain can derail. Adjust the chain tensioner as needed. If necessary, a link may need to be removed using a chain breaker tool.



Figure 3: The powerful and efficient 99CC 4-stroke OHV engine.



Figure 4: Wide, off-road pneumatic tires for stability and comfort.

6. TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Engine does not start	Fuel valve OFF, choke not set, engine stop switch OFF, no fuel/oil.	Check fuel valve, choke, engine stop switch. Ensure adequate fuel (87+ octane, non-ethanol) and proper oil level.
Chain derails frequently	Loose chain tension.	Adjust chain tensioner. If persistent, consider removing a link from the chain.
Tire issues (e.g., bulges)	Manufacturing defect, damage from rough terrain.	Inspect tires for damage. Replace if necessary.
Reduced performance/speed	Improper fuel, old oil, engine issues.	Ensure correct fuel type. Change oil regularly. Consult professional if issues persist.

7. SPECIFICATIONS

Feature	Detail
Manufacturer	Oryxearth
Model	HCf015A
Engine Type	99CC 4-Stroke OHV
Max Speed	Up to 24 MPH
Fuel Type	Gasoline with Octane Rating of 87 or Higher (non-ethanol)
Tank Capacity	0.47 Gallons
Brake Type	Rear Disc Brake
Tires	Wide, off-road low pressure pneumatic tires
Item Weight	95 pounds
Product Dimensions	15 x 27 x 40 inches
Recommended Age	13+
Recommended User Height	4.27FT-5.9FT
Max Load	185 LBS



Engine:	3.0HP 99CC 4-Stroke OHV
Engine Start:	Pull Start
Fuel:	Octane Rating of 87 or Higher (non-ethanol.)
Maximum Speed:	Up to 28mph
Brake:	Rear Disc
Recommended User:	Height 4.27FT-5.9FT Weight 82LBS-220LBS

Figure 5: Key dimensions and user recommendations.

8. WARRANTY AND SUPPORT

Oryxearth is committed to providing quality products and excellent customer service.

- **60-Day Free Return:** Enjoy peace of mind with our 60-day free return policy.
- **90-Day Engine Warranty:** The engine is covered by a 90-day warranty.
- **Free Parts:** We offer free parts for eligible issues.
- **24/7 Customer Service:** Our dedicated customer service team is available 24 hours a day, 7 days a week to assist you with any problems or inquiries.

For support, please refer to the contact information provided with your purchase or visit the Oryxearth official website.