

[Manuals.plus](#) /

› [Oryxearth](#) /

› Oryxearth 36V Battery Powered Mini Electric Bike User Manual

Oryxearth HCf006A

Oryxearth 36V Battery Powered Mini Electric Bike User Manual

Model: HCf006A

INTRODUCTION

Welcome to the Oryxearth 36V Battery Powered Mini Electric Bike user manual. This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your new electric bike. Please read this manual thoroughly before operating the bike to ensure proper usage and to maximize your riding experience.



Image: The Oryxearth 36V Battery Powered Mini Electric Bike in Army Green, showcasing its robust design and compact size.

SAFETY INFORMATION

Your safety is paramount. Always adhere to the following guidelines:

- Ensure the power switch is in the "off" position before assembly or maintenance.
- Adult supervision is required for assembly and maintenance.
- Wear protective gloves and eyewear when working on the mini bike.
- Always wear a helmet and appropriate safety gear when riding.
- Do not operate the bike in unsafe conditions or on public roads without proper authorization.
- Regularly inspect the brakes, tires, and all fasteners before each ride.
- This bike is designed for kids ages over 13.

PARTS INFORMATION

Before beginning assembly, familiarize yourself with all the components. Refer to the video below for a visual guide to the parts included with your electric bike.

Your browser does not support the video tag.

Video: Assembly video for the Oryxearth Electric Mini Bike, showing a detailed overview of all parts and their installation. (Timestamp: 0:07 - 0:10)

The main components include the bike frame, front fork, handlebars, front fender, front wheel, backrest, headlight, and various bolts and gaskets for assembly.

ASSEMBLY INSTRUCTIONS

Your Oryxearth Mini Electric Bike comes 90% pre-assembled. The following steps detail the remaining assembly required. Approximately 30 minutes are needed for assembly. It's suggested to gather the parts as shown in the video for easy location.

1. Front Fork Installation

1. Put the fork on the steering head. (Refer to video: 0:11)
2. Align the hole in the fork plate with the hole in the steering head. (Refer to video: 0:14)
3. Insert the steering bolt (part 1) into the steering head through the hole in the fork plate. (Refer to video: 0:18)
4. Tighten the steering nut (part 2). (Refer to video: 0:22)

2. Steering Wheel Installation

1. Put the steering wheel on the front fork and align it. (Refer to video: 0:28)
2. Put the upper handlebar clamp and the lower handlebar clamp on the handle and place it on your front fork as shown. (Refer to video: 0:33)
3. Screw holes fitted with the front fork are temporarily fixed using part 3 and 6. (Refer to video: 0:40)
4. Adjust the angle of the steering wheel to the angle of the front fog light. You can also adjust the steering wheel angle to your liking. (Refer to video: 0:48)
5. Tighten part 3 and part 6. (Refer to video: 0:57)

3. Front Fender Installation

1. Place the front fender on the bracket where the front fork is mounted. (Refer to video: 1:14)
2. Align the holes for mounting the landing gear with the screw holes of the support. (Refer to video: 1:20)
3. Tighten the left and right sides of parts 11 and 12 in a total of 4 places as shown. (Refer to video: 1:29)

4. Front Tire Installation

1. Clamp the part 19 outer gasket between the fork and the front tire, align the hole, and insert the part 17 front axle from the left. (Refer to video: 1:37)
2. Push the tire axle through the hole in the center of the tire, then place the part 19 fitting on the right side of the tire, and push the tire axle through the gasket. (Refer to video: 1:49)
3. Finally, use part 18 non-metal hexagonal locking piece to tighten. (Refer to video: 2:02)

5. Headlight Installation

1. Install using parts 8, 9, and 10 as shown. (Refer to video: 2:10)
2. Attach to the fork using parts 10 and 11 as shown. (Refer to video: 2:15)



Image: A close-up view of the integrated headlight, designed to illuminate the path ahead.

6. Backrest Installation

1. Align the package and gasket holes with the frame holes as shown. (Refer to video: 2:31)
2. Temporary fixation using part 15. (Refer to video: 2:35)

7. Side Bags Installation

1. Use a screwdriver to remove the two screws under the seat when installing the side bags as shown. (Refer to video: 2:52)
2. Please remove the seat first, install the bag, and then reinstall the seat as shown. (Refer to video: 3:04)
3. Use part 16, the left and right sides are temporarily fixed, and finally to fix these three places as shown. (Refer to video: 2:40)



Image: The Oryxearth electric bike with its detachable side bags installed, providing convenient storage.

OPERATING INSTRUCTIONS

Powering On/Off

To power on the bike, ensure the main power switch is in the "on" position. To power off, switch it to "off".

Speed Adjustment

The bike features 2 speed adjustment options (high-speed or low-speed) to adapt to different usage scenarios. Use the

speed mode switch to select your desired speed.



Image: A close-up of the speed mode switch, allowing riders to select between high and low speeds.

- **High Speed Driving:** Max Speed 22mph, Battery Life 30min, Endurance Mileage 7.5 miles.
- **Low Speed Driving:** Max Speed 16mph, Battery Life 60min, Endurance Mileage 11.2 miles.

Battery Usage & Charging

The bike is equipped with a 36V (12V 12AH *3) sealed lead-acid rechargeable battery system. The handlebar has a power display to monitor battery level. A full charge takes 6-8 hours. Always use the provided charger.



Image: The battery level display on the handlebar, indicating the current charge status.



Image: The hidden charging port, designed for protection against water and damage.

Braking

The bike is equipped with a strong disc brake system for quick and steady stopping. Apply the brake levers smoothly to slow down or stop.

Maintenance

Regular maintenance ensures the longevity and safe operation of your Oryxearth Mini Electric Bike.

- **Tires:** Check tire pressure regularly. The low-pressure pneumatic knobby tires provide maximum grip.
- **Brakes:** Inspect brake pads and cables for wear and proper function. Adjust as needed.
- **Battery:** Charge the battery fully after each use, even if only used for a short period, to prolong its lifespan. Store in a cool, dry place.
- **Frame & Fasteners:** Periodically check all bolts and nuts for tightness. The sturdy metal tube steel frame should be inspected for any signs of damage.
- **Cleaning:** Clean the bike with a damp cloth. Avoid high-pressure washing directly on electrical components.

Troubleshooting

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Bike does not power on.	Battery is low or depleted; Power switch is off.	Charge the battery; Ensure power switch is in "on" position.
Reduced range or power.	Battery not fully charged; Battery degradation over time.	Ensure full charge before use; Consider battery replacement if significant degradation occurs.
Brakes feel loose or ineffective.	Brake cable slack; Worn brake pads.	Adjust brake cable tension; Replace worn brake pads.
Unusual noises during operation.	Loose components; Chain issues.	Inspect all fasteners and tighten as necessary; Check chain for proper tension and lubrication.

If you encounter issues not listed here or require further assistance, please contact customer service.

Specifications

Feature	Detail
Bike Type	Electric Bike
Model Name	36V Battery Powered Mini Electric Bike
Age Range (Description)	Kids (Over 13)
Motor Power	1000W
Torque	3.18N/m
Battery System	36V (12V 12AH *3) sealed lead-acid rechargeable battery

Feature	Detail
Charging Time	6-8 hours for full charge
Run Time	30-60 minutes (speed dependent)
Number of Speeds	2 (High/Low)
Max Speed (High)	22 mph
Max Speed (Low)	16 mph
Wheel Size	14 Inches
Frame Material	Alloy Steel
Brake Style	Disc
Item Weight	100 Pounds
Maximum Weight Recommendation	185 Pounds
Product Dimensions	49.6 x 28.3 x 33.8 inches
Assembly Required	Yes (90% pre-assembled)
Included Components	Electric Bike, Charger

WARRANTY AND CUSTOMER SUPPORT

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

- **Parts Warranty:** 60 days from the date of purchase.
- **Battery Warranty:** 90 days from the date of purchase.
- **Customer Service:** We provide 365-day customer service via email and phone call support during business hours.
- **Returns:** If you wish to return this off-road motorcycle within the 60-day warranty period, we are pleased to provide you with a pre-paid free return label.

For any inquiries or support, please contact Oryxearth customer service.

