

# Mango eSuperbird Beach Cruiser Manual

## Introduction

Welcome to your Mango eSuperbird Electric Beach Cruiser! This guide provides instructions on the assembly, operation, and maintenance of your e-bike to ensure safe and enjoyable riding experiences. The eSuperbird combines a 250W Bafang motor, pedal assist, and a Shimano 7-speed drivetrain for smooth rides on various terrains.

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## 1. Assembly

Your Mango eSuperbird arrives 90% assembled. Follow these steps to complete the setup:

### Tools Needed:

- 4,5,6mm Allen wrenches (provided)
- Adjustable wrench
- Phillips head screwdriver
- Tire pump

### Step 1: Front Wheel Installation

1. Turn the bike upside down or secure it on a stand.
2. Insert the front wheel axle into the fork dropouts.
3. Tighten the quick-release lever or axle nuts securely.

### Step 2: Handlebars

1. Insert the handlebars into the stem.
2. Align them straight with the front wheel.
3. Tighten the stem bolts using the Allen wrench.

### Step 3: Pedals

1. Locate the left and right pedals (marked "L" and "R").
2. Screw the right pedal clockwise into the crank arm and the left pedal counterclockwise.
3. Tighten both pedals with a wrench.

### Step 4: Saddle

1. Insert the seat post into the seat tube.
2. Adjust the height for comfort using the quick-release clamp.
3. Tighten the clamp.

## Step 5: Final Adjustments

1. Ensure all bolts (handlebar, stem, seat post) are tight.
  2. Inflate tires to the recommended pressure printed on the sidewalls.
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## 2. Operation

### 2.1 Powering On and Off

1. Hold the power button on the handlebar display for 2-3 seconds to turn the bike on/off.
2. The LCD display will show battery status, speed, and pedal assist levels.

### 2.2 Pedal Assist and Throttle

1. **Pedal Assist:** There are multiple levels of pedal assist. Use the "+" or "-" buttons to adjust. Higher levels provide more assistance.
2. **Throttle:** For throttle control, simply twist the handlebar throttle to engage the motor without pedaling.

### 2.3 Battery Use

1. The 417Wh battery offers a range of 20-30 miles.
  2. To remove the battery for charging, unlock it with the key and slide it out.
  3. Charge the battery using the provided charger. A full charge typically takes 4-6 hours.
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## 3. Maintenance

### 3.1 Battery Maintenance

- Charge the battery after each ride.
- Avoid fully depleting the battery to prolong its life.
- Store in a cool, dry place when not in use.

### 3.2 Brake Maintenance

1. The eSuperbird is equipped with Shimano hydraulic disc brakes.
2. Regularly inspect brake pads for wear and replace them if needed.
3. Keep brake discs free from grease or oil.

### 3.3 Tire Care

- Check tire pressure regularly and maintain at the recommended PSI.
- Inspect tires for wear or punctures after every few rides.

### 3.4 Chain Lubrication

- Apply chain lubricant every few weeks or after exposure to rain.
  - Wipe off excess lube with a cloth to avoid attracting dirt.
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## 4. Troubleshooting

### 4.1 Display Issues

- If the display flashes or malfunctions, check all electrical connections and ensure the battery is fully charged(  
[Ebikes Forum](#)  
)(  
[Electric Bike Forums](#)  
).
- A flashing battery indicator often signals low voltage or a sensor issue.

### 4.2 Motor Issues

- If pedal assist doesn't engage, ensure the crank sensor is clean and unobstructed.
- Test the brake inhibitors—faulty inhibitors can prevent motor engagement(  
[Ebikes Forum](#)  
).

### 4.3 Brake Problems

- If the brakes are unresponsive, check the hydraulic fluid levels and brake pad wear.
  - If needed, visit a local bike shop for brake bleeding or repairs.
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## 5. Safety Tips

- Always wear a helmet and reflective clothing when riding.
  - Follow local traffic rules.
  - Test the brakes and ensure the display is functioning before every ride.
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By following these guidelines, your Mango eSuperbird will provide smooth, enjoyable rides for years to come. Happy cruising!

For additional resources or product support, visit [Mango Cruisers](#)(

[Mango Cruisers](#)

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