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Tamobyke T73

Tamobyke T73 Electric Bike User Manual

Model: T73

Brand: Tamobyke

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, assembly, and maintenance of your Tamobyke T73 Electric Bike. Please read this manual thoroughly before your first ride and keep it for future reference. The T73 is designed for adults, featuring a powerful motor, long-range battery, and full suspension for various terrains.

2. SAFETY INFORMATION

- Always wear a helmet and appropriate safety gear when riding.
- Perform a pre-ride inspection before each use, checking brakes, tires, and all connections.
- Ensure the battery is securely installed and charged according to instructions.
- Familiarize yourself with local e-bike regulations and traffic laws.
- The T73 features UL Certified components, ensuring adherence to safety standards.
- Regularly check tire pressure and brake functionality for optimal safety.

3. PACKAGE CONTENTS

Your Tamobyke T73 package includes the following items:

- Tamobyke T73 Electric Bike (partially assembled)
- 48V 15.6Ah Removable Battery
- Battery Charger
- Pedals (Left and Right)
- Front and Rear Mudguards
- Headlight
- Toolkit (including wrenches, screwdriver, air pump, extra brake pads)
- Keys for battery lock
- User Manual

- Front Basket (if included with your model)

4. SETUP AND ASSEMBLY

The Tamobyke T73 arrives approximately 90% pre-assembled. Follow these steps to complete the assembly:

1. Handlebar Installation:

Unscrew the four screws on the handlebar clamp. Align the handlebar with the groove on the stem and tighten the screws securely. Adjust the handlebar angle to a comfortable riding position and re-tighten.

2. Front Wheel Installation:

Before installing the front wheel, remove the plastic insert from the brake caliper. Carefully align the brake disc with the caliper. Insert the wheel axle into the fork dropouts and secure it by tightening the nuts on both sides. Ensure the small safety iron pieces are buckled up on both sides.

3. Headlight Installation:

Attach the headlight to the front fork using the provided screws and wrench. Connect the headlight cable to the corresponding interface on the bike's wiring harness.

4. Fender Installation:

Attach the front mudguard to the front fork using the screws above the tire. Adjust its position for optimal coverage and tighten the screws.

5. Pedal Installation:

Identify the left (L) and right (R) pedals. Install the pedal marked 'L' on the left crank arm and 'R' on the right crank arm. Tighten them securely with a wrench.

6. Front Basket Installation (if applicable):

Unscrew the designated screws on the bicycle frame. Fix the basket to these points and tighten the screws firmly.

7. Power On Test:

Turn on the power switch located on the battery. Long press the start button on the handlebar display to power on the screen and verify functionality.

Assembly Video Guide

This video demonstrates the assembly process for the Tamobyke T73, including handlebar, front wheel, headlight, fender, pedal, and basket installation, followed by a power-on test.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

- To power on the bike, ensure the battery switch is ON, then long-press the power button on the handlebar display.
- To power off, long-press the power button on the handlebar display until it shuts down.

5.2 Digital Display Functions

The smart digital display provides real-time information:

- **Speed:** Current riding speed.
- **Battery Level:** Indicates remaining battery charge.
- **Odometer/Trip:** Total distance traveled or distance for the current trip.
- **Pedal Assist Level (PAS):** Shows the current assist level (0-5).
- **Voltage/Current:** Displays real-time voltage and current draw.

Use the '+' and '-' buttons on the handlebar to adjust the pedal assist level. A quick press of the power button cycles through odometer, trip, voltage, and current displays.

5.3 Riding Modes & Gear Shifting

The T73 offers 5 riding modes and a 7-speed Shimano gear system:

- **Electric Mode:** Pure throttle power.
- **Pedal Assist Mode:** Motor assists your pedaling effort (5 levels).
- **Walk Assist Mode:** Provides low-speed assistance for walking the bike.
- **Bike Mode:** Traditional cycling without motor assistance.
- **Cruise Mode:** Maintains a set speed without continuous throttle input.

Use the Shimano shifter on the right handlebar to change between the 7 gears for varying terrain and speed requirements.

5.4 Lights & Horn

- **Headlight:** Turn on/off using the dedicated switch on the left handlebar. The daytime running light (halo) is active when the bike is powered on.
- **Taillight/Brake Light:** The taillight illuminates when the headlight is on. It also functions as a brake light, activating when brakes are applied.
- **Turn Signals:** Use the switches on the left handlebar to activate left or right turn signals. Remember to manually turn them off as they do not show on the display.
- **Horn:** Press the horn button on the left handlebar to alert others.

5.5 Braking System

The T73 is equipped with professional dual hydraulic disc brakes for reliable stopping power. Apply both brake levers simultaneously for balanced and effective braking.

Operating Video Guide

This video demonstrates how to ride the Tamobyke T73 using pedals and the Shimano 7-speed drivetrain.

6. FEATURES AND COMPONENTS OVERVIEW

- **Motor:** 1000W brushless motor (1500W peak) for speeds up to 30 MPH and 35° climbing capability.
- **Battery:** UL Certified 48V 15.6Ah removable battery, offering 34-mile pure electric range or 80-mile pedal-assist range. Full charge in 6-7 hours.
- **Tires:** 20x4" puncture-resistant fat tires with 6-layer shock absorption, suitable for various terrains including sand, snow, and rocky paths.
- **Suspension:** 6-level full suspension system including dual front fork, rear shock, and integrated wheels for a comfortable ride.
- **Brakes:** Professional dual hydraulic disc brakes for 30% faster response and consistent stopping power.
- **Frame:** Durable carbon steel, low-step frame design.
- **Seat:** Vintage quilted leather saddle, 60cm long, designed for comfort and tandem riding.
- **Display:** Smart digital display showing mileage, battery level, and 5 riding modes. App support for intelligent interconnection.
- **Safety:** High-brightness lighting, reflective design, and integrated safety system.
- **Storage:** Convenient tank bag and lower storage basket.

Product Images



The Tamobyke T73 Electric Bike, showcasing its overall design and features.

1000W Powerful Brushless Motor

Ride Stronger, Climb Steeper, Go Further



30 MPH

Max Speed



7-Speed

Shimano Gears



80N.M

Torque



30°

Climbing Slope



1500W

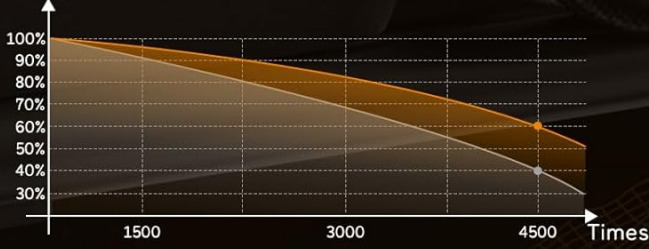
Peak Power

Close-up of the 1000W powerful brushless motor, highlighting its robust design.

48V 15.6AH Removable Battery

Charge Less, Ride More

Battery Life



48V 15.6AH



UL 2849
Certified



BMS
Intelligent Safety



6-7H
Charging time



54.6V 2A
Fast Charger



IP54
Waterproof

The 48V 15.6AH removable battery, illustrating its capacity and charging features.

20"×4"
All-Terrain Fat Tire
Ride Anywhere, Fear Nothing

20x4

Feature	Percentage Increase
Anti-Puncture	36%
Wear-Resistant	62%
Anti-Slip	54%
Grip Force	42%

Detailed view of the 20x4 all-terrain fat tire, emphasizing its durability and grip.

5 Cycling Modes 7 Speed Gearing

Smart Modes, Sharper Roads



Electric
Mode



Pedal Assist
Mode



Walk Assist
Mode



Bike
Mode



Cruise
Mode



An image depicting the 5 cycling modes and 7-speed gearing system of the e-bike.

Size of T73 Electric Bike

← Total Height-41.34" →

← Seat Length:23.62" →

← Total Length-66.14" →

← Seat Height-32.28" →

 **5'3" to 6'0"**
Recommended Height

 **330LBS**
Max Load Capacity

 **99.42LBS**
Ebike Weight

Diagram illustrating the dimensions and recommended rider height for the T73 Electric Bike.

DUAL HYDRAULIC BRAKES

Hydraulic Precision, Instant Decision



 **+85%** 

better braking performance,
powerful braking level

Hydraulic Brakes



Brake

Stop

Disc Brakes



Brake

Stop

Visual representation of the dual hydraulic brakes, highlighting their precision and stopping power.

Comfortable & Safe Tandem Riding

Longer Seat, Sweeter Beat



Seat Long 60cm



Improve Comfort



Tandem Riding



Place Items



Image showing two riders on the long seat, emphasizing comfortable and safe tandem riding.

Excellent Full Suspension Dampening System

Rugged Roads, Plush Ride

Front X2 Suspension Rear X2 Suspension



Illustration of the full suspension system, detailing front and rear shock absorption for a smooth ride.

7. MAINTENANCE

- **Battery Care:** Charge the UL Certified 48V 15.6Ah battery for 6-7 hours. Avoid overcharging and store in a cool, dry place.
- **Tire Maintenance:** Regularly check tire pressure. The included air pump can be used for inflation. Ensure the tire's rim line is properly seated into the hub.
- **Brake System:** Periodically inspect and adjust the hydraulic brakes. If brakes feel loose or inconsistent, professional adjustment may be required.
- **General Inspection:** Regularly check all bolts, nuts, and connections for tightness. Keep the bike clean and free of debris.

8. TROUBLESHOOTING

8.1 Throttle Malfunction

If the throttle fails to operate after assembly:

1. Check if the P05 page on the instrument display shows '01'. If not, adjust it to '01'.
2. Check if the P06 page shows either '01' (pure electric mode) or '02' (PAS mode).

After completing the above steps, check if the throttle functions. If it works, the issue was a gauge setting problem. If it still doesn't work, proceed with the following:

- Press and hold the '-' button to see if the motor runs. If the motor runs, the throttle is damaged, and a new throttle will be sent.
- If the motor does not run, the motor is damaged, and a new motor will be sent.

8.2 General Issues

- **E-bike not turning on or throttle not working:** Remove and reinstall the battery, then turn on the display again. If the issue persists, contact customer support.
- **Shipping damage:** For any replacements or compensation due to shipping damage, contact customer support. If local bike shop fixing is preferred, the fixing fee can be reimbursed with bills.
- **Tires always drop off or blow out, brake adjustment needed:** Check the bike tires' rim line to ensure it's properly seated into the hub. Ensure brakes hold for safety before riding.

9. SPECIFICATIONS

Bike Type	Electric Bike
Brand	Tamobyke
Model Name	T73
Motor Wattage	1000 watts (1500W peak)
Battery	48V 15.6Ah (UL Certified)
Range	34-120 Miles (depending on mode)
Max Speed	30 MPH
Wheel Size	20 Inches
Wheel Width	4 Inches (Fat Tire)
Frame Material	Carbon Steel
Suspension Type	Dual (Front Fork + Rear Shock)
Brake Style	Hydraulic Disc
Number of Speeds	7 (Shimano)
Item Weight	110 Pounds
Maximum Weight Recommendation	330 Pounds
Special Feature	LCD-Display, App Connectivity

10. WARRANTY AND SUPPORT

Your Tamobyke T73 Electric Bike comes with a **1-year limited manufacturer warranty**. This warranty covers defects in materials and workmanship under normal use.

For any questions, technical assistance, or warranty claims, please contact Tamobyke customer support:

- **Hotline:** 888-882-2623 (Monday-Friday: 14:00-20:00)
- **Service Email:** support@tamobykesport.com

Tamobyke is committed to rapid customer service and continual quality optimization.