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Birtech Balance Bike

Birtech Balance Bike Instruction Manual

Model: Balance Bike

Brand: Birtech

INTRODUCTION

The Birtech Balance Bike is designed to help toddlers aged two to five years develop essential balance and coordination skills before transitioning to a traditional pedal bicycle. Its lightweight, pedal-free design allows children to focus on mastering balance and steering, providing a safe and effective learning experience. This manual provides comprehensive instructions for assembly, operation, maintenance, and troubleshooting to ensure optimal use and longevity of your balance bike.



Figure 1: Birtech Balance Bike, showcasing its sleek black design.

SAFETY INFORMATION

- Always ensure the child wears a helmet and appropriate safety gear (knee pads, elbow pads) while riding.
- Adult supervision is required at all times. Do not leave children unattended with the balance bike.
- Inspect the bike before each use for any loose parts, damage, or wear. Ensure all bolts and clamps are securely tightened.
- Do not use the bike on public roads, near motor vehicles, or on steep inclines. Use on flat, clear surfaces.
- The maximum weight recommendation for this balance bike is 45 kilograms (99 pounds).
- Ensure the child's feet can comfortably touch the ground when seated, allowing for proper balance and stopping.

PACKAGE CONTENTS

Before assembly, verify that all components listed below are present in the package:

- Main Frame (Carbon Steel)
- Front Fork
- Handlebar with Grips
- Seat with Post
- Two 12-inch EVA Foam Wheels
- Assembly Hardware (bolts, nuts, washers, clamps)
- Tools (wrench)
- Instruction Manual (this document)



Figure 2: Contents of the Birtech Balance Bike package, including frame, wheels, seat, handlebars, and tools.

ASSEMBLY INSTRUCTIONS

Follow these steps carefully to assemble your Birtech Balance Bike. Assembly typically takes 15-20 minutes.

1. **Prepare Plastic Sleeves:** Prepare two large plastic sleeves and place them on the main frame.

2. **Prepare Small Rings:** Prepare small rings and put them on the sleeves.
3. **Place Steering Wheel (Handlebar):** Insert the handlebar into the front fork.
4. **Tighten Clamp (Handlebar):** Secure the handlebar by tightening the clamp.
5. **Install Seat Post:** Insert the seat post into the frame.
6. **Tighten Clamp (Seat):** Secure the seat post by tightening its clamp.
7. **Remove Blind Nuts:** As shown in the diagram, remove the blind nuts from the wheel axles.
8. **Install Wheels:** Install the second wheel (rear wheel) in the same way as the front, ensuring blind nuts are tightened securely.
9. **Place Rubber Handle:** Place the rubber handle on top of the steering wheel (if not pre-installed).

Important Note: Do not expose the safety line when installing the seat and steering wheel. If installing the rubber handle is difficult, you can lubricate with lubricating fluid such as detergent or glycerin. Due to the principle of thermal expansion and contraction, you can use hot water to soak in the winter before installation.

Package Include



Figure 3: Visual guide for assembling the Birtech Balance Bike.

ADJUSTMENTS

The Birtech Balance Bike features adjustable handlebars and seat height to accommodate your child's growth and ensure a comfortable, safe riding position.

- **Handlebar Adjustment:** The handlebars can be adjusted in height from 54cm to 58cm. Loosen the clamp on the handlebar stem, adjust to the desired height, and securely tighten the clamp.
- **Seat Height Adjustment:** The seat height can be adjusted from 36cm to 41cm. Loosen the clamp on the seat post, adjust the seat to a height where your child's feet can comfortably touch the ground with a slight bend in the knees, and securely tighten the clamp. Ensure the safety line on the seat post is not exposed.



Figure 4: Adjustable design of the Birtech Balance Bike, allowing for seat and handlebar height modifications.

OPERATING INSTRUCTIONS

The balance bike is designed for intuitive learning. Encourage your child to:

1. **Walk:** Start by walking with the bike between their legs, pushing off the ground with their feet.

2. **Glide:** As confidence grows, encourage them to push off and lift their feet, gliding for short distances.
3. **Steer:** Teach them to steer by gently turning the handlebars while gliding.
4. **Brake:** Instruct them to stop by placing their feet firmly on the ground. The bike does not have hand brakes, relying on foot braking.
5. **Footrest:** Once comfortable gliding, they can place their feet on the integrated footrest for longer glides.

Installation Instruction



1. Prepare two large plastic sleeves and place them on the frame.



2. Prepare small rings and put on sleeves.



3. Place the steering wheel.



4. Tight the clamp.



5. Install the seat post into the frame.



6. Tight the clamp.



7. As the picture shows, remove the blind nuts.



8. Install the blind nuts and tighten them. Install the second wheel in the same way



9. Place the rubber handle on top steering wheel.

NOTE :

1. Do not expose the safety line when installing the seat and steering wheel.
2. When installing the rubber handle, if it is difficult to install, you can lubricate with lubricating fluid, such as detergent or glycerin; In addition, due to the principle of thermal expansion and contraction, you can use hot water to soak in the winter before installation.



safety line

Figure 5: A child confidently riding the Birtech Balance Bike, showcasing the natural riding posture.



Figure 6: The durable EVA foam tires, designed for various indoor and outdoor surfaces without needing inflation.

MAINTENANCE

Regular maintenance ensures the safety and longevity of your balance bike:

- **Cleaning:** Wipe down the bike with a damp cloth after use, especially if ridden outdoors. Avoid harsh chemicals.
- **Inspections:** Periodically check all bolts, nuts, and clamps for tightness. Re-tighten as necessary.
- **Tires:** The EVA foam tires are inflation-free and require no air pressure checks. Inspect them for excessive wear or damage.
- **Storage:** Store the bike in a dry place, away from direct sunlight and extreme temperatures, to prevent material degradation.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Bike feels unstable or wobbly	Loose bolts or clamps; incorrect seat/handlebar height.	Check and tighten all assembly bolts and clamps. Adjust seat and handlebar height to fit the child properly.
Difficulty steering	Handlebar clamp too tight or too loose; debris in steering mechanism.	Adjust handlebar clamp tension. Inspect steering area for obstructions and clean if necessary.
Child struggling to push off or glide	Seat height too high.	Lower the seat so the child's feet are flat on the ground with a slight bend in the knees.

SPECIFICATIONS

Feature	Detail
Brand	Birtech
Model Name	Balance Bike
Bike Type	Balance Bike
Age Range (Recommended)	2 to 5 years old
Wheel Size	12 Inches
Frame Material	Carbon Steel
Tire Type	Inflation-free EVA Foam
Handlebar Height	Adjustable (54cm - 58cm)
Seat Height	Adjustable (36cm - 41cm)
Product Dimensions	23.23 x 6.3 x 11.81 inches
Item Weight	6.38 pounds (2.9 Kilograms)
Maximum Weight Recommendation	45 Kilograms
Assembly Required	Yes
UPC	825687623393

MOM'S BEST CHOICE

No Pedal Walking Balance Training Bicycle



Figure 7: Key components of the balance bike, including anti-skid handlebar, carbon steel frame, eco-friendly saddle, EVA foam tire, and safety nut buckle.



Figure 8: Detailed dimensions of the Birtech Balance Bike for reference.

WARRANTY & SUPPORT

For warranty information or technical support, please refer to the contact details provided on the product packaging or visit the official Birtech website. Keep your purchase receipt as proof of purchase for any warranty claims.

You can also visit the Birtech Store on Amazon for more information: [Birtech Store](#)