

M-Wave 659971

M-Wave Moto Wooden Frame Balance Bike User Manual

Model: 659971

INTRODUCTION

The M-Wave Moto Wooden Frame Balance Bike is designed to introduce children to two-wheeled riding. Its low-sitting wooden frame allows children to comfortably place their feet on the ground, promoting balance development without the fear of falling. This manual provides essential information for the safe assembly, operation, and maintenance of your balance bike.

SAFETY INFORMATION

Read all instructions before assembly and use. Failure to follow these instructions may result in serious injury.

- **Adult Supervision Required:** Always supervise children while they are using the balance bike.
- **Wear a Helmet:** Ensure the child always wears a properly fitted helmet that meets safety standards.
- **Protective Gear:** Elbow and knee pads are recommended for additional protection.
- **Appropriate Riding Surfaces:** Use the balance bike on flat, even, and clear surfaces away from traffic, steep hills, stairs, and swimming pools.
- **Check Before Each Use:** Before each ride, inspect the bike for loose parts, sharp edges, or damaged components. Ensure all bolts are tightened and tires are properly inflated.
- **Weight Limit:** Do not exceed the recommended weight limit for the balance bike.
- **Age Range:** This balance bike is suitable for children aged 2-3 years.

PACKAGE CONTENTS

Please verify that all components are present before beginning assembly:

- Wooden Frame (main body)
- Front Fork
- 12-inch Pneumatic Front Wheel
- 12-inch Pneumatic Rear Wheel
- Handlebars with Grips
- Adjustable Saddle (Seat)

- Assembly Hardware (bolts, nuts, washers, tools if included)

ASSEMBLY INSTRUCTIONS

Assembly requires adult supervision and basic tools (often included). Follow these steps carefully:

1. **Attach the Front Fork to the Frame:** Insert the front fork into the head tube of the main wooden frame. Secure it with the provided hardware, ensuring the steering mechanism moves freely but without excessive play.
2. **Install the Front Wheel:** Align the front wheel with the front fork. Insert the axle through the wheel hub and fork dropouts. Secure with washers and nuts on both sides. Ensure the wheel spins freely.
3. **Install the Rear Wheel:** Align the rear wheel with the rear frame dropouts. Insert the axle through the wheel hub and frame. Secure with washers and nuts on both sides. Ensure the wheel spins freely.
4. **Attach the Handlebars:** Insert the handlebar stem into the front fork's steerer tube. Adjust the height to a comfortable position for the child and tighten the clamping bolt securely. Ensure the handlebars are straight and do not rotate independently of the front wheel.
5. **Install the Saddle (Seat):** Insert the seat post into the frame's seat tube. Adjust the saddle height as described in the 'Setup' section and tighten the quick-release lever or bolt securely.



Image: Front wheel and fork assembly. Ensure the wheel is securely attached and spins freely.



Image: Handlebar attachment to the wooden frame. Ensure handlebars are straight and tight.



Image: Adjustable saddle and its connection to the wooden frame. Adjust seat height for proper fit.

SETUP

Proper setup is crucial for a child's comfort and learning experience.

- **Saddle Height Adjustment:** The most important adjustment is the saddle height. The child should be able to sit on the saddle with both feet flat on the ground, knees slightly bent. This allows them to push off and stop comfortably. Adjust the saddle using the quick-release lever or bolt on the seat post.
- **Handlebar Height:** The handlebars should be at a comfortable height, allowing the child to sit upright with a slight bend in their arms.
- **Tire Pressure:** Ensure the 12-inch pneumatic tires are inflated to the recommended pressure, usually indicated on the tire sidewall. Proper inflation provides better control and a smoother ride.

OPERATING INSTRUCTIONS

The M-Wave Moto Balance Bike teaches balance and steering without pedals, preparing children for a pedal bike.

1. **Starting:** Have the child sit on the saddle with both feet flat on the ground.
2. **Walking:** Encourage the child to walk forward while seated, using their feet to propel themselves.
3. **Gliding:** As confidence grows, encourage them to push off with both feet and lift their feet off the ground,

gliding for short distances. This is where balance is learned.

- 4. **Steering:** Teach the child to steer by gently turning the handlebars in the direction they want to go.
- 5. **Stopping:** The child stops by placing their feet firmly on the ground.

MAINTENANCE

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

- **Check Bolts and Fasteners:** Periodically check all bolts, nuts, and fasteners to ensure they are tight. Loose components can affect safety and performance.
- **Tire Pressure:** Check tire pressure regularly and inflate to the recommended PSI (pounds per square inch) as indicated on the tire sidewall.
- **Cleaning:** Clean the wooden frame and other components with a damp cloth. Avoid harsh chemicals that could damage the wood finish. Dry thoroughly after cleaning.
- **Storage:** Store the balance bike in a dry place, away from direct sunlight and extreme temperatures, to prevent damage to the wooden frame and other materials.
- **Inspect for Damage:** Regularly inspect the frame, wheels, and other parts for cracks, splinters, or other damage. Replace any damaged parts immediately.

TROUBLESHOOTING

Here are solutions to common issues you might encounter:

- **Loose Handlebars or Seat:** If the handlebars or seat move during use, re-tighten the clamping bolts or quick-release levers firmly. Do not overtighten.
- **Wobbly Wheels:** Check that the wheel nuts are securely tightened. If the wheel still wobbles, inspect the axle and bearings for damage.
- **Flat Tire:** If a tire is flat, check for punctures. Repair or replace the inner tube as necessary, and ensure the tire is properly seated on the rim before re-inflating.
- **Squeaking Noises:** Inspect all moving parts for friction. A small amount of lubricant on metal-to-metal contact points (avoiding wooden surfaces) may resolve squeaking.

SPECIFICATIONS

| Feature | Detail |
|----------------|----------------------|
| Model Number | 659971 |
| Brand | M-Wave |
| Bike Type | Kids Balance Bike |
| Age Range | 2 - 3 years |
| Wheel Size | 12 Inches |
| Frame Material | Wood |
| Color | Blue |
| Item Weight | 4.54 kg (9.8 Pounds) |

| | |
|--------------------|--|
| Product Dimensions | 64.26 x 32.77 x 16.76 cm |
| Special Features | Adjustable saddle height, Grips with protection flanges, Steering angle limitation |

WARRANTY AND SUPPORT

For warranty information or product support, please refer to the documentation included with your purchase or contact the manufacturer directly. Keep your proof of purchase for any warranty claims.