

Mango Cruisers Longboard Nexus 8 Bicycle Manual

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1. Introduction

Thank you for choosing the Mango Cruisers Longboard Nexus 8 Bicycle! This bike is designed for comfort, style, and performance, ideal for smooth cruising and daily commuting. The Nexus 8 model features an internal 8-speed gear hub for easy maintenance and smooth shifting. This manual provides detailed instructions on how to assemble, care for, and enjoy your new bike.

Please take the time to review this manual before your first ride to ensure proper setup and safety.

2. Safety Information

General Safety Guidelines:

- Always wear a helmet, gloves, and other protective gear.
- Abide by local traffic regulations and ride on the correct side of the road.
- Inspect your bike for loose parts, tire pressure, and brake function before each ride.
- Ride only in appropriate weather conditions. Avoid wet, icy, or slick surfaces when possible.
- Install front and rear lights if you plan to ride at night or in low visibility.

Additional Precautions for Nexus Hub:

- Avoid shifting gears while standing still. Always shift gears while pedaling to prevent damage to the internal hub.

- The Nexus 8-speed system is sealed, providing protection against dirt, but regular checks are essential.
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3. Parts Overview

The Mango Cruisers Longboard Nexus 8 Bicycle features the following components:

1. **Frame:** Aluminum frame for lightweight durability.
 2. **Handlebars:** Wide, cruiser-style handlebars with ergonomic grips.
 3. **Saddle:** Plush, wide saddle designed for maximum comfort during long rides.
 4. **Wheels:** 26-inch wheels fitted with high-volume tires for a smooth ride.
 5. **Brakes:** Front and rear V-brakes for effective stopping power.
 6. **Drivetrain:** Shimano Nexus 8-speed internal gear hub, eliminating the need for a traditional derailleur.
 7. **Pedals:** Non-slip platform pedals.
 8. **Kickstand:** Integrated kickstand for parking convenience.
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4. Assembly Instructions

Tools Required:

- Adjustable wrench
- 4mm, 5mm, and 6mm Allen keys
- Tire pump
- Phillips screwdriver

Step-by-Step Assembly:

Step 1: Unboxing

- Carefully unpack all parts from the box.
- Ensure all components are present and undamaged.

Step 2: Install the Handlebars

- Insert the handlebar stem into the frame's head tube.
- Use an Allen key to adjust the handlebar height and angle to your preference.
- Tighten the stem bolt securely.

Step 3: Attach the Front Wheel

- Insert the front wheel into the fork dropouts.

- Use the quick-release lever or axle nuts (depending on your model) to secure the wheel.
- Ensure the wheel is centered and spins freely.

Step 4: Install the Saddle

- Insert the seat post into the seat tube on the frame.
- Adjust the height to suit your leg length (your knees should be slightly bent when the pedal is at its lowest point).
- Tighten the seat clamp using an Allen key.

Step 5: Attach the Pedals

- Identify the left and right pedals (labeled "L" and "R").
- Thread the pedals into the cranks by hand. The right pedal tightens clockwise, while the left pedal tightens counterclockwise.
- Use a wrench to ensure they are securely fastened.

Step 6: Adjust the Brakes

- Check the alignment of the brake pads with the rims.
- Adjust the brake cable tension using the barrel adjuster or a wrench if needed.
- Test the brakes to ensure they engage evenly and stop the bike smoothly.

Step 7: Inflate the Tires

- Inflate the tires to the recommended PSI (printed on the side of the tires).
- Double-check that both wheels are spinning freely and are properly aligned.

5. Maintenance & Care

Regular Maintenance Checklist:

- **Clean the Frame and Components:** Use a soft cloth, mild detergent, and water to clean your bike after each ride, especially after riding in wet or muddy conditions.
 - **Tire Pressure:** Keep your tires inflated to the recommended PSI for a smooth ride and to prevent punctures.
 - **Brake Adjustment:** Inspect brake pads for wear and adjust the tension regularly for responsive braking.
 - **Chain Lubrication:** Apply lubricant to the chain every 100-200 miles or more often if riding in wet or dusty conditions.
 - **Nexus 8 Hub Maintenance:** The Shimano Nexus hub is low-maintenance but should be checked by a professional bike mechanic every 6-12 months for optimal performance.
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6. Riding Tips

- **Shifting Gears:** The Nexus 8-speed hub allows you to shift gears smoothly while riding. To ensure longevity, always shift while pedaling and avoid changing gears when the bike is stationary.
 - **Starting and Stopping:** Start off in a lower gear (1-2) for easy acceleration, and shift to a higher gear as you build speed.
 - **Braking:** Use both front and rear brakes for controlled stopping. Avoid slamming on the front brake alone to prevent flipping over the handlebars.
 - **Uphill Riding:** Shift to a lower gear when climbing hills to make pedaling easier and reduce strain on your legs and the drivetrain.
 - **Downhill Riding:** Use a higher gear when descending to maintain control and avoid over-revving your legs.
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7. Troubleshooting

Issue	Possible Cause	Solution
Difficulty shifting gears	Misadjusted gear cable	Adjust the cable tension at the barrel adjuster
Squeaky brakes	Dirty or worn brake pads	Clean or replace the brake pads
Flat tire	Puncture or incorrect PSI	Patch or replace the tire; check and inflate to proper pressure
Loose handlebars	Loose stem bolts	Tighten the stem bolts using an Allen key
Chain skipping	Dry or misaligned chain	Lubricate or realign the chain

8. Warranty Information

The Mango Cruisers Longboard Nexus 8 Bicycle comes with a **1-year limited warranty** that covers defects in materials and workmanship under normal use. The warranty excludes:

- Normal wear and tear (brake pads, tires, chain).
- Damage due to accidents, misuse, or neglect.
- Unauthorized modifications or repairs.

For warranty claims, you must provide proof of purchase.

9. Contact Details

For customer support, replacement parts, or warranty claims, please contact us at:

Mango Cruisers Support

- Email: support@mangocruisers.com
- Website: www.mangocruisers.com

Thank you for choosing Mango Cruisers Longboard Nexus 8 Bicycle. Enjoy the ride!