Viribus 24″ Wheels (5′–5′8″ Rec. Height)

Viribus Adult Tricycle Instruction Manual

Model: 24″ Wheels (5′–5′8″ Rec. Height)

1. Introduction

This manual provides comprehensive instructions for the assembly, operation, maintenance, and troubleshooting of your Viribus Adult Tricycle. Please read this manual thoroughly before assembly and use to ensure safe and optimal performance of your tricycle. Keep this manual for future reference.

Safety Information

Always wear a helmet when riding. Ensure all bolts and fasteners are securely tightened before each ride. Do not exceed the maximum weight capacity of 400 lbs. Avoid riding in adverse weather conditions or on uneven terrain that exceeds the tricycle's capabilities.

2. Setup and Assembly

Your Viribus Adult Tricycle requires assembly. Follow these step-by-step instructions carefully. It is recommended to have two people for certain assembly steps.

2.1 Unboxing and Parts Identification

Carefully remove all components from the packaging. Verify all parts are present against the packing list. Refer to the diagram below for component identification.

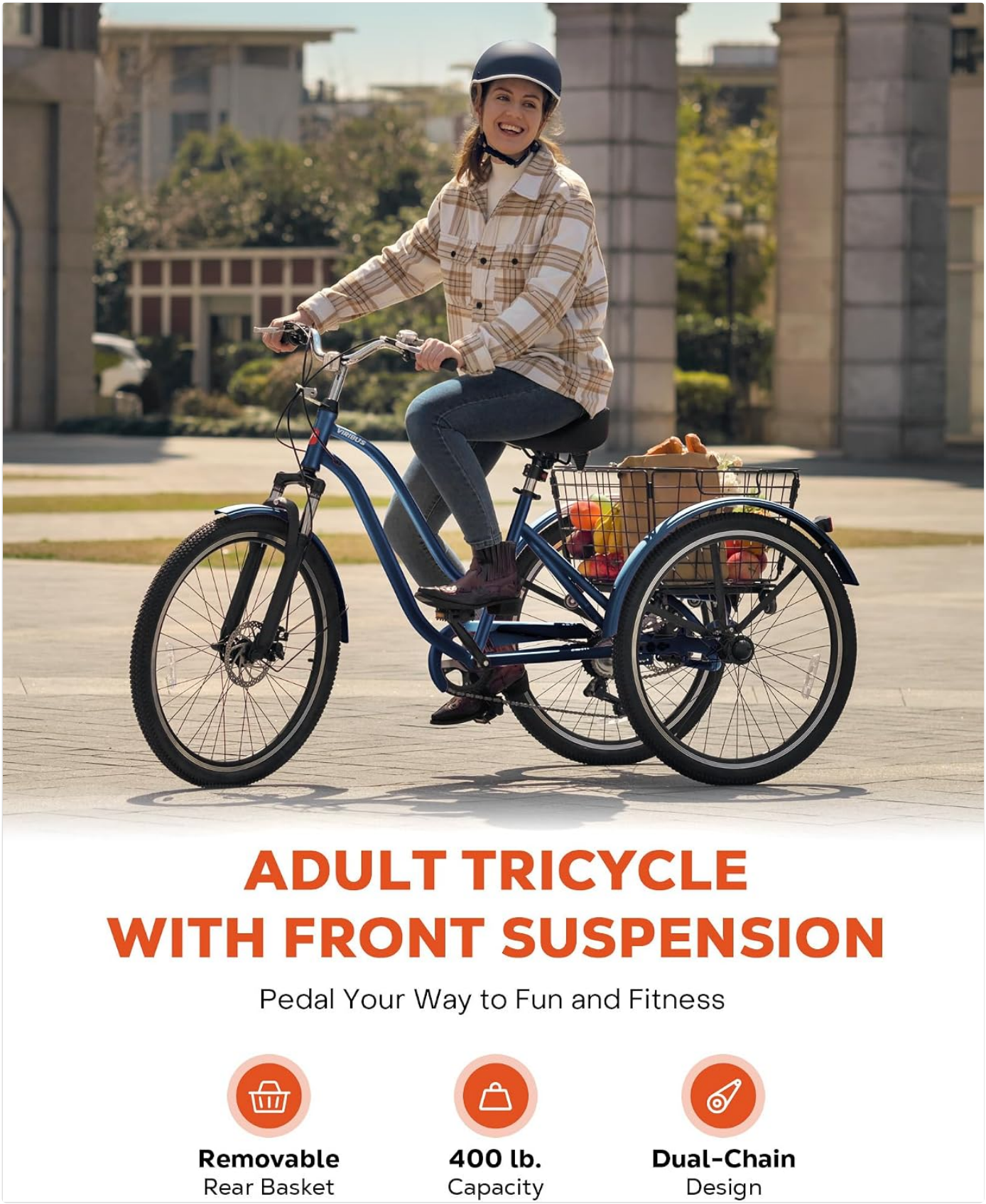


Figure 2.1: All components of the Viribus Adult Tricycle laid out after unboxing, including the frame, wheels, basket, and small parts.

For a visual guide to unboxing, please watch the official unboxing video:

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Video 2.1: Official unboxing video for the Viribus Adult Tricycle, showing how to safely remove components from the box.

2.2 Rear Wheel Installation

Install the D-shaped hub to the wheel, then the O-shaped hub. Secure with nuts and attach hub end caps.

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Video 2.2: Detailed assembly video for the Viribus Adult Tricycle, covering rear wheel installation and other steps.

2.3 Handlebar Installation

Insert the handlebar stem into the fork tube. Ensure proper alignment and tighten the bolt securely.

2.4 Chain Installation

Turn the bike upside down. Align the front and back frames without fully tightening the bolts. Install the chain, ensuring it is taut, then tighten the bolts with a wrench. Fit the chain onto the chainring.

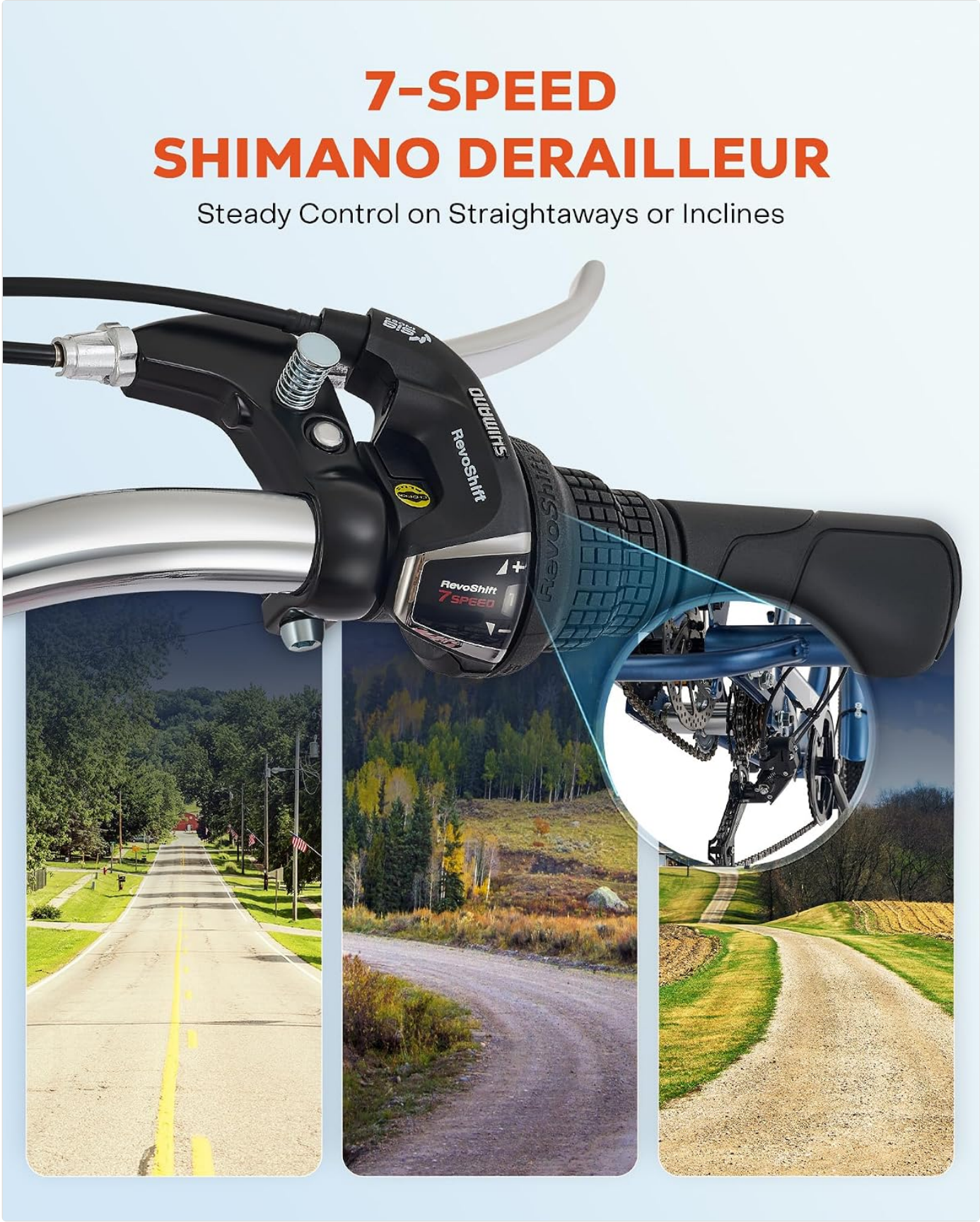


Figure 2.4: Close-up view of the dual-chain design, highlighting the gears and chain mechanism.

2.5 Front Wheel Installation

Install the front fender. Attach the front disc brake to the wheel. Install the front wheel and secure the front fender to the fork.



Figure 2.5: Detailed view of the front suspension system and disc brake, emphasizing smooth ride and reliable stopping power.

2.6 Front Brake Caliper Installation

Attach the front brake caliper to the fork. Feed the rear brake cable through the slots on the rear brake caliper. Pull the cable taut and tighten the bolt.

2.7 Rear Fender Installation

Attach the rear fender to the rear frame using the provided bolts and brackets. Ensure it is securely fastened and aligned with the wheels.

2.8 Rear Basket Assembly

Assemble the wire basket by folding up the sides and securing them. Attach the casters to the bottom of the basket using two wrenches as shown. Install the assembled basket onto the rear rack of the tricycle, securing it with the latches.

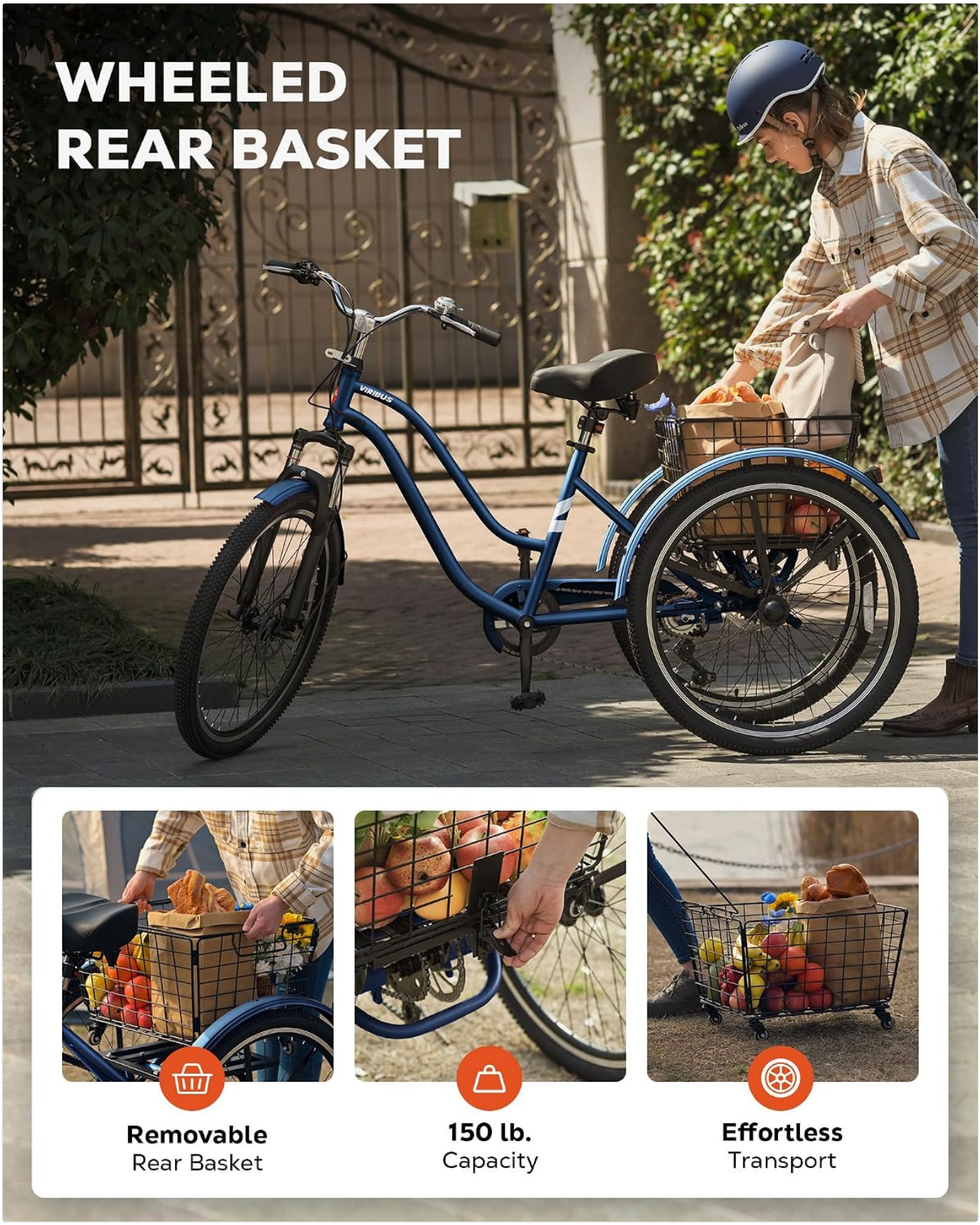


Figure 2.8: The removable wheeled basket, demonstrating its capacity and ease of transport.

2.9 Chain Guard Installation

Install the chain guard over the chain and chainring. Secure it with the screws provided.

2.10 Pedal Installation

Attach the pedals to the crank arms. Note that the left pedal is reverse-threaded. Ensure they are tightened securely.

2.11 Seat Installation

Insert the seat post into the frame's seat tube. Adjust the seat height to a comfortable position and tighten the quick-release lever or bolt.



Figure 2.11: The cushioned saddle, designed for comfort and shock absorption during rides.

2.12 Front Reflector Installation

Install the front reflector on the handlebar stem. Ensure it is facing forward and securely fastened.

3. Operating Instructions

3.1 Riding Your Tricycle

Familiarize yourself with the tricycle's controls before riding. The 7-speed Shimano derailleur allows for smooth gear changes to adapt to various terrains. Use the twist shifter on the handlebar to change gears.

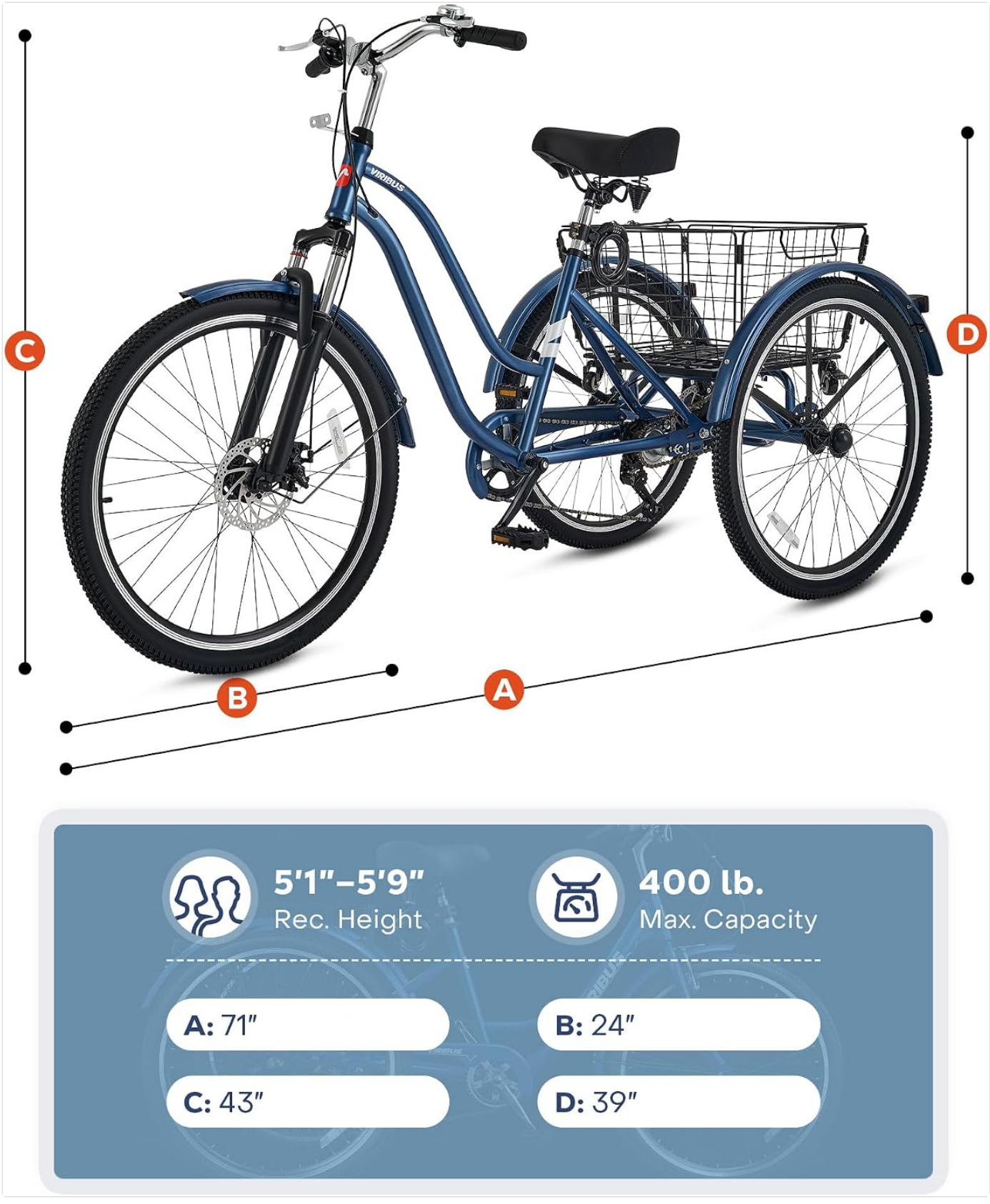


Figure 3.1: The 7-speed Shimano derailleur, illustrating the gear shifting mechanism for varied terrain.

3.2 Braking System

The tricycle is equipped with disc brakes for reliable stopping power. Apply both front and rear brakes simultaneously for controlled deceleration. Test brakes before each ride.

3.3 Using the Basket

The rear basket is designed for carrying groceries, pets, or other items up to 150 lbs. Ensure items are securely placed to prevent shifting during transit. The basket can be detached and wheeled for convenience.

4. Maintenance

4.1 Regular Checks

Perform the following checks regularly:

- **Tires:** Check tire pressure before each ride. Ensure tires are inflated to the recommended PSI (typically found on the tire sidewall). Inspect for wear and tear.
- **Brakes:** Test brake levers for proper function and responsiveness. Ensure brake pads are not excessively worn. Adjust brake cables as needed.
- **Chain:** Keep the chain clean and lubricated. Inspect for rust or damage.
- **Bolts and Fasteners:** Periodically check all bolts, nuts, and quick-release levers for tightness. Tighten any loose components.
- **Frame:** Inspect the carbon steel frame for any signs of damage or cracks.

4.2 Cleaning and Storage

Clean your tricycle with a damp cloth and mild soap. Avoid using high-pressure washers directly on bearings or electrical components. Store the tricycle in a dry, covered area to prevent rust and prolong its lifespan.

5. Troubleshooting

Problem	Possible Cause	Solution
Brakes feel spongy or ineffective.	Loose brake cable, worn brake pads, or misaligned caliper.	Tighten brake cable, replace worn pads, or adjust caliper alignment.
Difficulty shifting gears.	Derailleur out of adjustment, dirty/dry chain, or damaged shifter cable.	Adjust derailleur, clean and lubricate chain, or replace shifter cable.
Tricycle pulls to one side.	Uneven tire pressure, bent wheel, or misaligned frame.	Check and adjust tire pressure, inspect wheels for damage, or check frame alignment.

Problem	Possible Cause	Solution
Unusual noises during riding.	Loose components, dry chain, or worn bearings.	Inspect and tighten all fasteners, lubricate chain, or consult a professional for bearing inspection.

6. Specifications

Feature	Detail
Brand	Viribus
Model	Adult Tricycle (24″ Wheels)
Bike Type	Cruiser Bike
Age Range	Adult
Number of Speeds	7
Wheel Size	24 Inches
Frame Material	Carbon Steel
Suspension Type	Front
Brake Style	Disc
Maximum Weight Recommendation	400 Pounds
Included Components	Basket, Lock, Tool Kit
UPC	850067316985

7. Warranty and Support

Viribus offers a comprehensive warranty and support for your tricycle:

- **Official Warranty:** 30-day return for quality issues.
- **12-Month Warranty:** Covers manufacturing defects for one year.
- **Lifetime Technical Support:** Assistance with any technical issues throughout the product's lifespan.

Contact Customer Service

If you have any questions, issues, or require technical support, please contact us:

Call Center: +1 (320) 377-3106 (Monday – Friday, 9:00 AM – 5:00 PM PST)

Email Support: support@viribusbikes.com

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question