Sttoraboks IBS-011

Sttoraboks Vertical Bike Stands (2 Pack) Instruction Manual

Brand: Sttoraboks

Model: IBS-011

1. Product Overview

The Sttoraboks Vertical Bike Stands (2 Pack) provide an efficient and space-saving solution for storing bicycles indoors. Designed for versatility, these stands accommodate a wide range of bike types and wheel sizes, offering stability and ease of movement.

- **Space-Saving Design:** Ideal for apartments, garages, and small spaces, allowing vertical bike storage.
- **Enhanced Mobility:** Equipped with eight 360-degree lockable rolling wheels for easy repositioning.
- **Broad Compatibility:** Fits various bike tire widths (up to 4 inches) and wheel sizes from 20 to 29 inches.
- **Adjustable Height:** Features freely adjustable lifting rods to suit different bike geometries.
- **Stable Structure:** Utilizes a triangular design with V-shaped plastic brackets and Velcro fasteners for secure bike holding.
- **Durable Construction:** Made from high-quality black powder-coated steel with plastic dipping to prevent bike scratches.



Figure 1.1: Sttoraboks Vertical Bike Stands in use, demonstrating their vertical storage capability.

This image displays two vertical bike stands, each securely holding a bicycle in an upright position. The design allows for efficient use of space, making it suitable for various indoor environments.

2. Assembly Instructions

The Sttoraboks Vertical Bike Stands are designed for straightforward assembly. Please follow the steps below carefully. An instruction manual with detailed diagrams is included in the product package.

2.1. Unpacking and Component Check

Carefully unpack all components and verify against the parts list provided in your product manual. Ensure all pieces are present and undamaged before proceeding with assembly.

2.2. Assembly Options

The bike stands offer multiple configuration options to best suit your space and needs:

1. **Style 1: Connected for Side-by-Side Use:** Both stands are connected horizontally, allowing bikes to be stored next to each other.
2. **Style 2: Connected for Opposite Orientation:** Stands are connected to face opposite directions, useful for specific room layouts.
3. **Style 3: Split into Two Separate Stands:** Each stand functions independently, offering maximum flexibility for placement.



Figure 2.1: Multiple assembly configurations for the Sttoraboks Vertical Bike Stands.

This diagram illustrates the three primary ways the bike stands can be assembled: connected side-by-side, connected in opposite directions, or as two completely separate units, providing adaptability for different storage needs.

2.3. Step-by-Step Assembly (General)

1. Attach the base frames and vertical support poles according to your chosen assembly style.
2. Secure the 360-degree lockable casters to the base frames. Ensure they are firmly attached.
3. Install the V-shaped plastic brackets for the rear wheel, adjusting their distance to accommodate your bike's

tire width.

4. Attach the adjustable height support for the bike's seatpost.
5. Use the provided tools to tighten all fasteners securely.

Note: The casters are designed to share the weight and improve stability during movement. Ensure they are properly installed and locked when the stand is stationary.

3. Operating Instructions

Proper operation ensures the safety and stability of your bicycle when stored in the stand.

3.1. Placing Your Bicycle

1. Ensure the stand's casters are locked if you do not intend to move it.
2. Roll the rear wheel of your bicycle into the V-shaped plastic brackets at the base of the stand.
3. Lift the front wheel of your bicycle, guiding the seatpost onto the adjustable height support.
4. Adjust the height of the seatpost support until the bike is stable and upright.
5. Secure the front wheel and seatpost using the provided Velcro fasteners. This forms a sturdy triangular structure with the rear wheel, enhancing stability.



Figure 3.1: Stability features of the bike stand, including the triangular structure and secure components.

This image highlights the key features contributing to the stand's stability: the triangular support structure, plastic-coated contact points to prevent scratches, Velcro straps for securing the seatpost, and 360-degree lockable casters for mobility and stability.

3.2. Adjusting Height and Tire Width

- **Height Adjustment:** The lifting and retracting rods can be freely adjusted to provide the most suitable storage height for your bike. There are no fixed preset positions, allowing for universal compatibility.
- **Tire Width Adjustment:** The V-shaped plastic brackets for the rear wheel can be adjusted to accommodate various tire sizes, up to a maximum width of 4 inches.

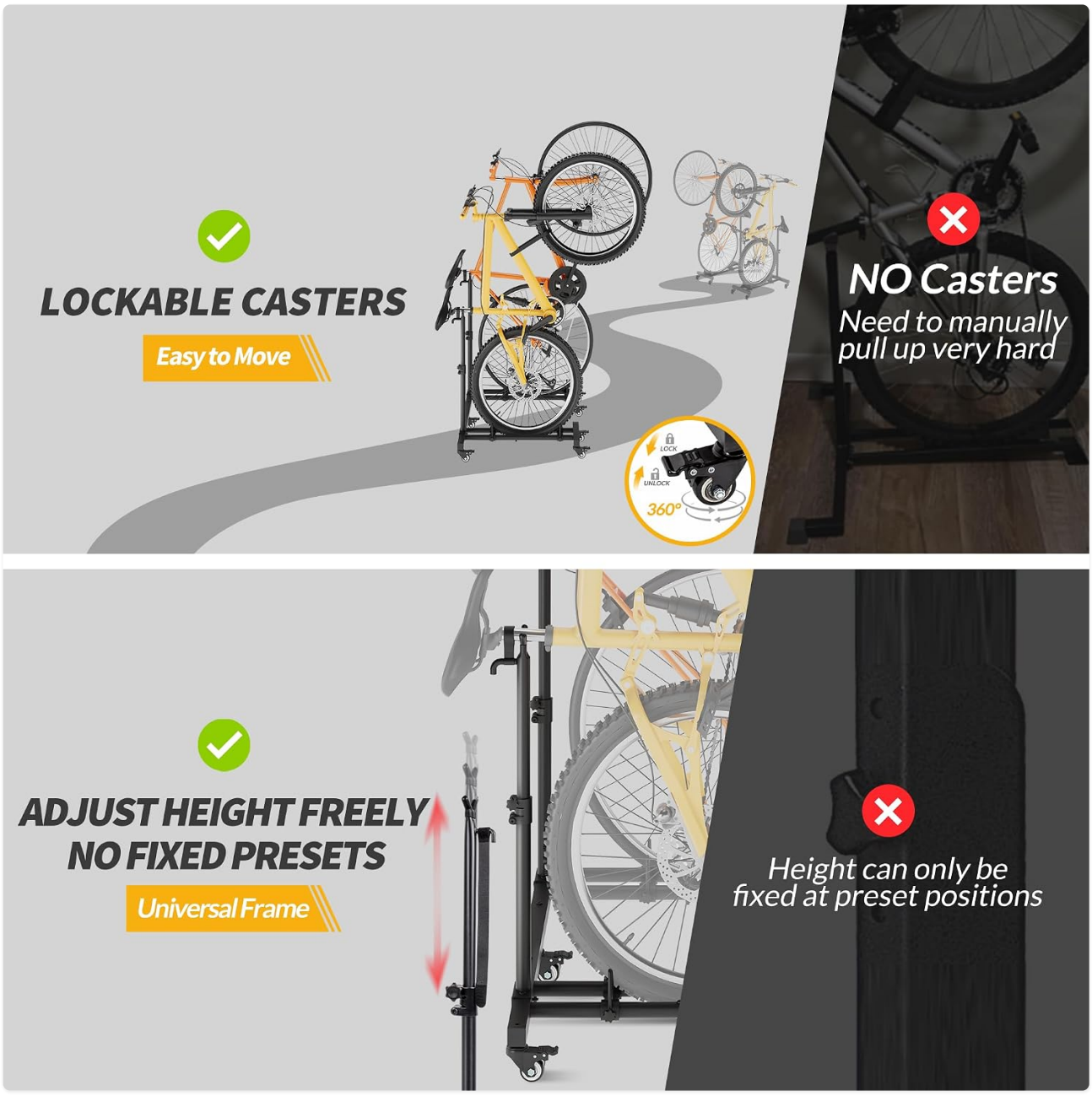


Figure 3.2: Adjustable height and tire width compatibility.

This visual demonstrates the stand's ability to adjust its height to fit different bike sizes and its compatibility with tires up to 4 inches wide. It also notes that the stand is not suitable for bikes with fenders or baskets.

3.3. Moving the Stand

To move the stand, unlock all eight casters. Gently push or pull the stand to its desired location. Once in position, lock the casters to prevent unintended movement and ensure stability.



Figure 3.3: Easy mobility with lockable casters.

This image illustrates the ease with which the bike stands can be moved around a living space, highlighting the convenience provided by the lockable casters. Additional smaller images show the stands in various indoor settings like a bedroom, living room, balcony, and garage, demonstrating their versatility.

4. Maintenance

Regular maintenance ensures the longevity and optimal performance of your Sttoraboks Vertical Bike Stands.

- **Cleaning:** Wipe down the stand with a damp cloth to remove dust and dirt. Avoid abrasive cleaners that could damage the powder-coated finish.
- **Inspection:** Periodically check all bolts, nuts, and fasteners to ensure they are tight. Re-tighten if necessary.
- **Caster Care:** Keep the casters free of debris to ensure smooth rolling. If they become stiff, a small amount of lubricant can be applied to the swivel mechanisms.
- **Protective Coating:** The stand is coated with plastic dipping to prevent bike scratches. Inspect these areas for wear and tear and ensure they remain intact.
- **Storage:** When not in use for extended periods, store the stand in a dry environment to prevent rust,

although it is designed to be rust-proof.

5. Troubleshooting

This section addresses common issues you might encounter with your bike stands.

5.1. Instability of the Stand or Bike

- **Issue:** The stand feels wobbly or the bike is not securely held.
- **Solution:**
  - Ensure all assembly bolts are securely tightened.
  - Verify that the rear wheel is properly seated in the V-shaped brackets and the distance is adjusted for your tire width.
  - Confirm the seatpost is resting firmly on its support and the height is adjusted correctly.
  - Make sure the Velcro fasteners are securely applied to the front wheel and seatpost to engage the triangular stability structure.
  - If casters are unlocked, the stand may shift. Lock all casters when the stand is stationary.

5.2. Difficulty Moving the Stand

- **Issue:** The stand is hard to roll or casters are stuck.
- **Solution:**
  - Check if the casters are in the locked position. Unlock them before attempting to move the stand.
  - Inspect casters for any debris (e.g., hair, dirt) that might be obstructing their movement. Clean as necessary.
  - Ensure the casters are properly installed and not damaged.

5.3. Bike Does Not Fit the Stand

- **Issue:** Your bike's wheel size or tire width seems incompatible.
- **Solution:**
  - Verify your bike's wheel size (20"-29") and tire width (maximum 4 inches) against the product specifications.
  - Adjust the distance of the V-shaped plastic brackets to match your tire width.
  - Adjust the height of the seatpost support to accommodate your bike's frame geometry.
  - *Note:* This stand is generally not suitable for bikes equipped with fenders, baskets, or kickstands, as these accessories may interfere with proper seating and stability.

6. Specifications

Detailed specifications for the Sttoraboks Vertical Bike Stands (2 Pack).

Feature	Specification
Model Number	IBS-011
Product Dimensions (L x W x H)	45.08 x 26.8 x 33.6 inches

Feature	Specification
Item Weight	16.37 pounds (per stand, total for 2 packs is 32.74 lbs)
Color	Black
Maximum Total Bike Weight Capacity	132 lbs (60 kg) total, 66 lbs (30 kg) per bike
Compatible Wheel Sizes	20-29 inches (e.g., 20"-24" kids bikes, 26"-27" mountain bikes, 650c-700c road bikes)
Maximum Tire Width	4 inches
Casters	8 x 360-degree lockable rolling wheels
Material	High-quality black powder-coated steel with plastic dipping
Assembly Required	Yes



Easy to Move with Lockable Casters





Figure 6.1: Product dimensions and weight capacity.

This image provides a detailed overview of the stand's dimensions (length, width, height) and its capacity to hold bikes weighing up to 66 lbs each, with a total capacity of 132 lbs for two bikes. It also reiterates the compatible wheel sizes (24-29 inches) and the presence of eight 360-degree casters.

7. Warranty and Customer Support

Sttoraboks is committed to providing high-quality products and excellent customer service.

7.1. Warranty Information

Specific warranty details for the Sttoraboks Vertical Bike Stands are typically provided with your purchase documentation. Please refer to the warranty card or contact customer support for comprehensive information regarding coverage and terms.

7.2. Customer Support

If you have any questions, require assistance with assembly, operation, or encounter any issues with your product, please do not hesitate to contact Sttoraboks customer service. Our team is available to provide support and ensure your satisfaction.
For contact information, please refer to the packaging or the official Sttoraboks website.
Note: When assembling and using the product, always pay attention to safety to avoid scratching and injury.

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