

tectake 401105

tectake 401105 Bike Repair Stand User Manual

Model: 401105

1. INTRODUCTION

Thank you for choosing the tectake 401105 Bike Repair Stand. This manual provides essential information for the safe and effective assembly, operation, and maintenance of your new repair stand. Please read these instructions carefully before use and retain them for future reference.

The tectake 401105 Bike Repair Stand is designed to provide a stable and convenient platform for bicycle maintenance and repair, allowing for comfortable work at eye level. It features a practical tool tray and a compact folding mechanism for easy storage.

2. SAFETY INSTRUCTIONS

Always observe the following safety precautions to prevent injury or damage to the product:

- Ensure the stand is placed on a stable, level surface before mounting a bicycle.
- Do not exceed the maximum load capacity of **20 kg**.
- Always secure the bicycle firmly in the clamp before performing any work.
- Keep hands and fingers clear of moving parts and pinch points during adjustment and folding.
- Do not allow children to play with or near the repair stand.
- Regularly inspect all components for wear or damage. Do not use the stand if any parts are damaged.
- Use the stand only for its intended purpose of supporting bicycles for maintenance.

3. PACKAGE CONTENTS

Upon unpacking, please verify that all components are present and undamaged:

- 1 x tectake 401105 Bicycle Repair Stand
- 1 x Tool Tray
- 1 x Front-wheel Mount
- 1 x Assembly Instructions (this manual)



Figure 3.1: The tectake 401105 Bike Repair Stand, showing its main components.

4. SETUP AND ASSEMBLY

The tectake 401105 Bike Repair Stand is designed for easy assembly. Follow these steps:

1. **Unfold the Base:** Carefully unfold the main legs of the stand until they are fully extended and locked into position. Ensure the stand is stable on the ground.
2. **Attach the Tool Tray:** Locate the designated slot or attachment point for the tool tray on the main shaft. Slide or clip the tool tray into place, ensuring it is secure and level.
3. **Adjust the Clamp Height:** Loosen the quick-release lever or knob on the main vertical shaft to adjust the height of

the bicycle clamp. Raise or lower it to your desired working height and then firmly tighten the lever/knob.

4. **Adjust the Clamp Angle:** The bicycle clamp can be rotated. Loosen the adjustment knob near the clamp to set the desired angle, then tighten it securely.
5. **Install Front-wheel Mount (Optional):** If using the front-wheel mount, attach it to the lower part of the stand as indicated in the diagram. This provides additional stability for the front wheel.



Figure 4.1: The stand's adjustable height and angle, along with its compact folded configuration for storage.

5. OPERATING INSTRUCTIONS

5.1 Mounting a Bicycle

1. Ensure the stand is stable and the clamp is at an appropriate height.
2. Open the clamp jaws by rotating the handle or lever.
3. Carefully lift your bicycle and position a frame tube (e.g., top tube or seat post) between the open clamp jaws.
4. Close the clamp jaws firmly around the frame tube. Ensure the bicycle is securely held and balanced before releasing your grip. Do not overtighten, as this may damage the frame.
5. If using the front-wheel mount, secure the front wheel into the designated slot for added stability.



Figure 5.1: A bicycle securely mounted on the tectake 401105 Bike Repair Stand, demonstrating proper positioning.

5.2 Using the Tool Tray

The integrated tool tray provides a convenient space to keep your tools, small parts, and lubricants within easy reach during maintenance tasks. Avoid placing heavy or excessively large items on the tray to maintain stability.



Figure 5.2: Detailed view of the practical tool tray and the front wheel support mechanism.

5.3 Folding for Storage

To fold the stand for compact storage:

1. Remove the bicycle from the clamp.
2. Remove the tool tray and front-wheel mount if attached.
3. Loosen the quick-release levers and knobs to collapse the stand's legs and main shaft.
4. Fold the stand into its compact configuration as shown in Figure 4.1. Ensure all locking mechanisms are engaged to prevent accidental unfolding.

6. MAINTENANCE

Regular maintenance will extend the life of your tectake 401105 Bike Repair Stand:

- **Cleaning:** Wipe down the stand with a damp cloth after use to remove dirt, grease, or oil. Avoid abrasive cleaners.

- **Lubrication:** Periodically apply a small amount of lubricant to moving parts, such as hinges and quick-release mechanisms, to ensure smooth operation.
- **Inspection:** Before each use, inspect all bolts, nuts, and quick-release levers to ensure they are tight and secure. Check for any signs of wear, cracks, or damage to the frame or plastic components.
- **Storage:** Store the folded stand in a dry, clean environment away from extreme temperatures and direct sunlight.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Stand is wobbly or unstable.	Not fully unfolded; placed on uneven surface; loose connections.	Ensure legs are fully extended and locked. Move to a level surface. Check and tighten all bolts and quick-release levers.
Bicycle slips in clamp.	Clamp not tightened enough; clamp jaws are dirty/greasy.	Tighten the clamp more firmly (without overtightening). Clean clamp jaws with a degreaser.
Stand difficult to fold/unfold.	Moving parts are stiff or dirty.	Clean and lubricate hinges and quick-release mechanisms.

8. TECHNICAL SPECIFICATIONS

Feature	Detail
Model	401105
Brand	tectake
Overall Dimensions (approx.)	60 cm (W) x 93 cm (D) x 120 cm (H)
Folded Dimensions (approx.)	17 cm (W) x 61 cm (D) x 95 cm (H)
Tool Rack Dimensions (approx.)	25 cm x 15 cm x 1.5 cm
Material	Alloy Steel
Maximum Load Capacity	20 kg
Weight (approx.)	6 kg

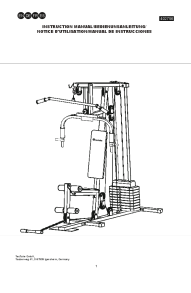


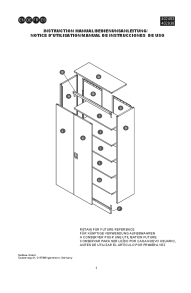
9. WARRANTY AND SUPPORT

For warranty information, technical support, or spare parts, please contact tectake customer service. Refer to your purchase documentation or the official tectake website for contact details.

Please have your model number (401105) and purchase date ready when contacting support.



Related Documents

 The image shows the cover of the TecTake 402756 Home Gym Assembly and Exercise Guide. It features a black and white line drawing of the home gym equipment, which includes a vertical frame, a horizontal bar, and various exercise attachments. The title 'TECTAKE 402756 HOME GYM ASSEMBLY AND EXERCISE GUIDE' is printed at the top.	<p>TecTake 402756 Home Gym Assembly and Exercise Guide</p> <p>Instruction manual for the TecTake 402756 home gym, covering assembly, safety precautions, and exercise guidance. Includes preparation tips and warm-up/cool-down routines.</p>
 The image shows the cover of the TecTake Stand-Up Paddleboard Instruction Manual. It features two illustrations of a stand-up paddleboard: one showing the top view with a person standing on it, and another showing the side view with a person using a paddle. The title 'TECTAKE STAND-UP PADDLEBOARD INSTRUCTION MANUAL' is printed at the top.	<p>TecTake Stand-Up Paddleboard Instruction Manual</p> <p>Comprehensive instruction manual for the TecTake Stand-Up Paddleboard, covering assembly, inflation, deflation, and storage. Includes safety warnings and usage guidelines.</p>
 The image shows the cover of the user manual for the 2-in-1 Grass Shear / Hedge Trimmers WIRELESS BATTERY LI-ION 7.2V. It features a photograph of the green and black power tool. The title '2-IN-1 GRASS SHEAR / HEDGE TRIMMERS WIRELESS BATTERY LI-ION 7.2V - USER MANUAL' is printed at the top.	<p>2-in-1 Grass Shear / Hedge Trimmers WIRELESS BATTERY LI-ION 7.2V - User Manual</p> <p>Comprehensive user manual for the 2-in-1 Grass Shear / Hedge Trimmers WIRELESS BATTERY LI-ION 7.2V (Model 401542). Includes technical specifications, intended use, safety warnings, operating instructions, maintenance, and troubleshooting.</p>
 The image shows the cover of the TecTake Cabinet Assembly Instructions for models 402483 and 402938. It features a line drawing of a tall, multi-drawer cabinet. The title 'TECTAKE CABINET ASSEMBLY INSTRUCTIONS - MODELS 402483, 402938' is printed at the top.	<p>TecTake Cabinet Assembly Instructions - Models 402483, 402938</p> <p>Comprehensive assembly guide for TecTake cabinets (models 402483, 402938), featuring a detailed parts list and step-by-step instructions with textual descriptions of diagrams.</p>