

ROCKBROS 440001001-CBR

ROCKBROS Bike Repair Stand Bench Mount User Manual

Model: 440001001-CBR

Brand: ROCKBROS

INTRODUCTION

The ROCKBROS Bike Repair Stand Bench Mount is designed to provide a stable and secure platform for bicycle maintenance and repair. This bench-mounted work stand is suitable for various bike types, including mountain bikes, road bikes, e-bikes, and fat-tire bikes, supporting weights up to 66 lbs (approximately 30 kg). Its robust construction and adjustable features make it an essential tool for home mechanics and professional workshops.

SETUP INSTRUCTIONS

This bike clamp mount can be easily attached to any workbench or wall using the included hardware. The mounting flange has four holes, ensuring a firm and stable installation.

Components Overview

- Main vertical post with base plate
- Adjustable clamp arm assembly
- Mounting hardware (four bolts/screws and wall anchors)

Installation Steps

1. **Unpack Components:** Carefully remove all parts from the packaging. Ensure all components listed above are present.
2. **Choose Mounting Location:** Select a sturdy workbench or wall surface capable of supporting the stand and a bicycle up to 66 lbs.
3. **Mark Drilling Points:** Place the base plate of the vertical post on the desired mounting surface. Use a marker to mark the four drilling points through the holes in the base plate.
4. **Drill Pilot Holes:** Using an appropriate drill bit for your surface (wood or masonry), drill pilot holes at the marked points. Clean any debris.
5. **Insert Wall Anchors (if applicable):** If mounting to a masonry wall, insert the provided wall anchors into the drilled holes.

6. **Secure Base Plate:** Align the base plate with the drilled holes and secure it firmly using the provided bolts/screws. Ensure it is tightly fastened to prevent movement.
7. **Assemble Vertical Post and Clamp Arm:** Insert the adjustable vertical post into the base. Attach the clamp arm assembly to the top of the vertical post. Ensure all connecting bolts are tightened securely using the provided tools.

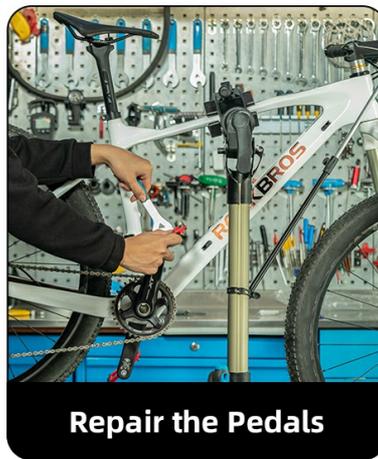
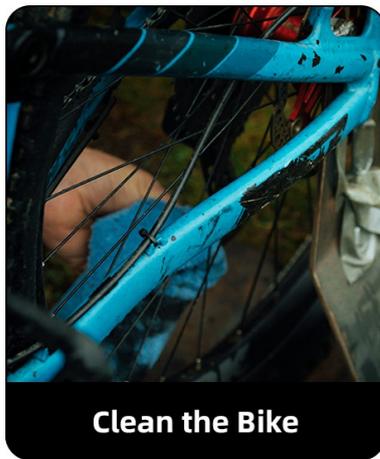


Image: Effortless Installation. Securely attach the bike repair stand to your workbench using the 4 included bolts.

Your browser does not support the video tag. Please update your browser to view this content.

Video: Official ROCKBROS installation guide for the Bike Repair Stand Bench Mount. This video demonstrates the unboxing, assembly, and initial setup of the stand.

OPERATING INSTRUCTIONS

The ROCKBROS Bike Repair Stand provides a stable and adjustable platform for various bicycle maintenance tasks. Follow these steps for safe and effective operation.

1. **Adjust Stand Height:** Loosen the quick-release lever on the vertical post. Adjust the height of the clamp arm to a comfortable working level (adjustable from 17.7" to 25.6"). Securely tighten the quick-release lever.
2. **Open Clamp Jaws:** Loosen the butterfly nut on the clamp arm to open the jaws. The clamp is designed to accommodate bike tubes ranging from 1.4" to 2.5" (35-65 mm).
3. **Mount the Bicycle:** Carefully lift your bicycle and position its frame or seat post within the open clamp jaws. Ensure the bike is balanced before fully securing.
4. **Secure the Bicycle:** Close the clamp jaws around the bike frame/seat post and tighten the butterfly nut until the bike is held firmly and securely. Avoid over-tightening, which could damage the frame.
5. **Adjust Clamp Angle:** The clamp features a 360-degree rotatable mechanism. Loosen the adjustment handle on the clamp arm, rotate the bike to your desired working angle, and then tighten the handle to lock it in place.
6. **Verify Stability:** Before beginning any work, gently shake the bike to ensure it is stable and securely held by the stand.



Image: A bicycle securely mounted on the ROCKBROS Bench Mount Repair Stand, demonstrating its elevated working position.

QUICK RELEASE ADJUSTABLE

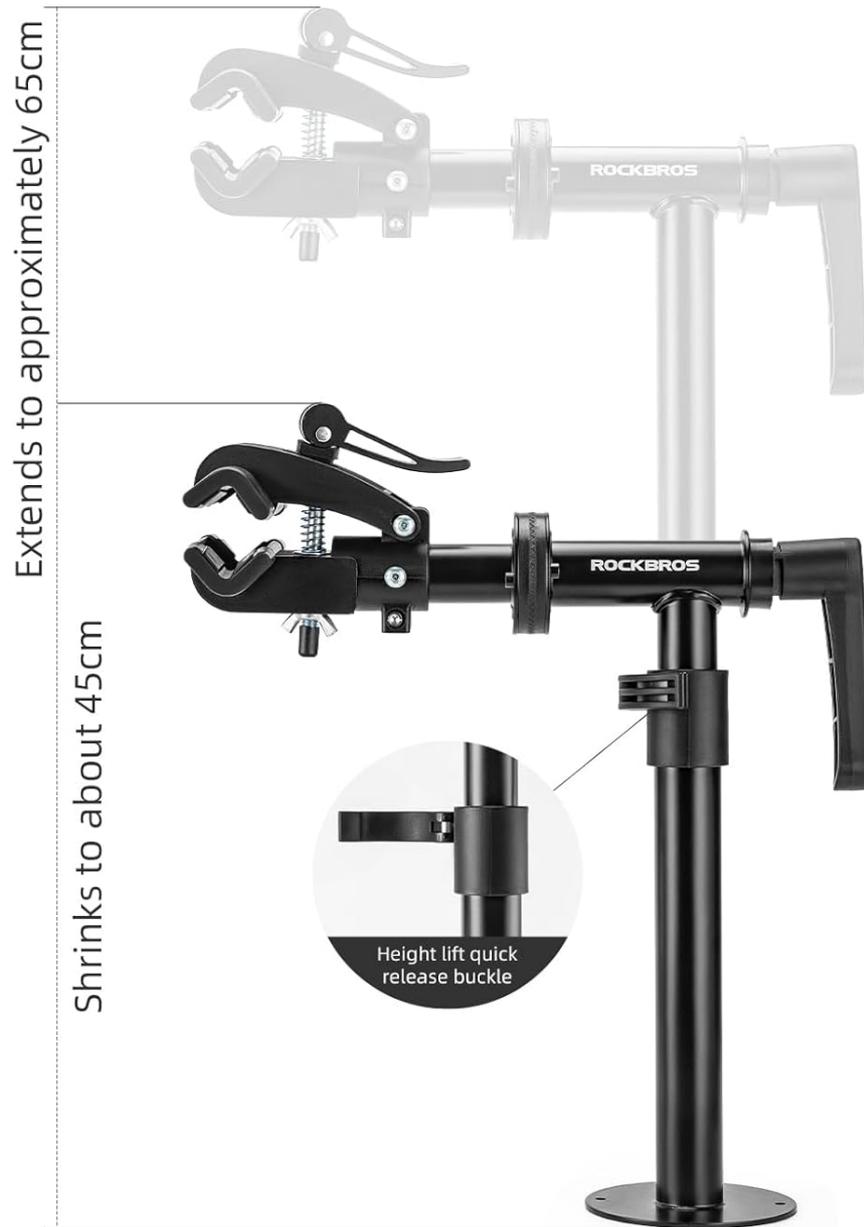


Image: Diagram illustrating the quick-release mechanism for adjusting the stand's height, showing extension from approximately 45cm to 65cm.



360° Rotatable

Image: Diagram highlighting the 360-degree rotatable clamp, allowing for versatile positioning of the bicycle during maintenance.



**Butterfly nut is easy to tighten or loosen
Tubes ranging from 35-65 mm**



Image: Close-up of the butterfly nut mechanism used to tighten or loosen the clamp jaws, suitable for tubes ranging from 35-65 mm.

MAINTENANCE

Proper maintenance ensures the longevity and safe operation of your ROCKBROS Bike Repair Stand. The stand is constructed from durable welded iron with a powder-coated finish and ABS-plated clamps to protect your bike.

- **Regular Cleaning:** Wipe down the stand with a damp cloth after each use to remove dirt, grease, and grime. Avoid abrasive cleaners that could damage the finish.
- **Inspect Fasteners:** Periodically check all bolts, screws, and quick-release levers to ensure they are securely tightened. Re-tighten as necessary.
- **Check Clamp Protectors:** Inspect the rubber protectors on the clamp jaws for any signs of wear, cracking, or damage. Replace them if necessary to prevent scratching your bike frame.
- **Lubricate Moving Parts:** Apply a small amount of light lubricant to the quick-release mechanisms and rotating parts periodically to ensure smooth operation.
- **Storage:** Store the stand in a dry environment to prevent rust and corrosion.

TROUBLESHOOTING

If you encounter any issues with your bike repair stand, refer to the following common problems and solutions:

- **Problem: Stand feels unstable or wobbly.**
Solution: Ensure the mounting bolts are securely tightened to the workbench or wall. Verify that the mounting surface itself is sturdy, flat, and capable of supporting the combined weight of the stand and bicycle.
- **Problem: Bicycle slips or moves in the clamp.**
Solution: Confirm that the clamp jaws are fully closed and the butterfly nut is tightened sufficiently. Check if the bike tube diameter is within the supported range of 1.4" to 2.5" (35-65 mm). Inspect the rubber protectors on the clamp jaws for wear or damage; worn protectors may reduce grip.
- **Problem: Difficulty adjusting the height or angle of the clamp arm.**
Solution: Ensure the quick-release levers or adjustment handles are fully loosened before attempting to make adjustments. Clean any accumulated dirt or debris from the adjustment mechanisms, which might impede smooth movement.
- **Problem: Pedals hit the workbench when rotating the bike.**
Solution: This can occur if the stand is mounted too close to the edge of the workbench or if the workbench itself is narrow. Consider mounting the stand further back on a wider surface, or adjust the bike's position in the clamp to provide more clearance.

SPECIFICATIONS

Brand	ROCKBROS
Model Number	440001001-CBR
Load Capacity	65.9 Pounds (approx. 30 kg)
Item Weight	6.01 pounds (approx. 2.7 kg)
Package Dimensions	15.63 x 13.11 x 5.16 inches
Material	Metal (Iron)
Color	Black
Supported Tube Diameter	1.4" - 2.5" (35-65 mm)
Adjustable Height Range	17.7" - 25.6" (approx. 45-65 cm)
Clamp Rotation	360 degrees
Assembly Required	No (referring to complex assembly, basic setup is needed)

WARRANTY AND SUPPORT

For warranty information, technical support, or replacement parts, please refer to the official ROCKBROS website or contact ROCKBROS customer service directly. Keep your purchase receipt for warranty claims.

