

acid 92048

ACID 28" Black Stainless Steel 25 kg Rear Mount Cargo Rack User Manual

Model: 92048

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your ACID 28" Black Stainless Steel Rear Mount Cargo Rack, Model 92048. Designed for durability and functionality, this rack allows you to transport items securely on your bicycle. Please read this manual thoroughly before installation and use to ensure safe and proper handling.

SAFETY INFORMATION

Always prioritize safety when installing and using bicycle accessories. Failure to follow these guidelines may result in injury or damage to the product or bicycle.

- Ensure all bolts and fasteners are securely tightened before each ride.
- Do not exceed the maximum load capacity of 25 kg (55 lbs).
- Distribute weight evenly on the rack to maintain bicycle balance.
- Regularly inspect the rack for signs of wear, damage, or loose components.
- Be aware that adding weight to your bicycle can affect handling and braking performance.
- If you are unsure about any installation step, consult a professional bicycle mechanic.

PACKAGE CONTENTS

Before beginning installation, verify that all components are present and undamaged. The package should contain:

- ACID 28" Rear Mount Cargo Rack frame
- Mounting hardware kit (bolts, washers, nuts, brackets)
- Fender stay/support bar (if applicable)
- Instruction manual (this document)



Image: All components of the ACID 28" Rear Mount Cargo Rack, including the main frame, various bolts, washers, nuts, and mounting brackets, laid out for inspection.

SETUP AND INSTALLATION

Installation may require basic bicycle tools (e.g., Allen wrenches, open-end wrenches). It is recommended to have your bicycle securely mounted in a repair stand for easier installation.

1. **Prepare Your Bicycle:** Ensure your bicycle has appropriate mounting points on the seat stays near the rear axle and at the seatpost clamp or brake bridge. Clean these areas if necessary.



Image: The ACID 28" Rear Mount Cargo Rack, showing its overall structure and mounting points.

2. **Attach Lower Mounts:** Locate the lower mounting points near the rear axle dropouts. Secure the lower legs of the rack to these points using the provided bolts and washers. Do not fully tighten yet, allow for some adjustment.
3. **Attach Upper Mounts:** Identify the upper mounting points, typically on the seat stays or a dedicated rack mount near the seatpost clamp. Attach the adjustable upper stays of the rack to these points. You may need to bend or adjust the stays slightly to align them with the mounting holes.



Image: A detailed view of the top section of the ACID 28" Rear Mount Cargo Rack, highlighting the spring-loaded clamp mechanism for securing items.

4. **Adjust and Align:** With all bolts loosely attached, adjust the rack's position to ensure it is level and centered over the rear wheel. Ensure there is adequate clearance between the rack, tire, and any moving parts.
5. **Tighten All Fasteners:** Once the rack is properly aligned, systematically tighten all bolts, starting from the lower mounts and then the upper mounts. Ensure all connections are firm and secure. Do not overtighten, but ensure there is no wobble.
6. **Final Check:** Gently shake the rack to confirm it is stable. Re-check all bolts after your first short ride to ensure they remain tight.

OPERATING INSTRUCTIONS

The ACID cargo rack is designed for transporting various items. Observe the following for optimal use:

- **Load Capacity:** Do not exceed the maximum load capacity of 25 kg (55 lbs). Overloading can compromise safety and damage the rack or bicycle.
- **Weight Distribution:** Always distribute the weight evenly across the rack surface. Heavy items should be placed low and centered to maintain bicycle stability.
- **Securing Items:** Use bungee cords, straps, or panniers to securely fasten items to the rack. Ensure nothing can fall off or interfere with the wheels or chain. The integrated spring clamp can be used for quick securing of smaller items.
- **Visibility:** Ensure that any loaded items do not obstruct your bicycle's rear light or reflectors. Consider adding additional reflective tape to the rack for enhanced visibility.

MAINTENANCE

Regular maintenance will extend the life of your cargo rack and ensure safe operation.

- **Cleaning:** Clean the rack with a damp cloth and mild soap. Avoid abrasive cleaners or solvents that could damage the finish.
- **Inspection:** Periodically inspect all welds, joints, and mounting points for cracks, bends, or signs of fatigue.
- **Fastener Check:** Regularly check all bolts and nuts for tightness. Vibrations from riding can cause fasteners to loosen over time.
- **Corrosion:** While made of stainless steel, prolonged exposure to harsh weather or road salt can still cause corrosion. Clean and dry the rack after riding in wet or salty conditions.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Rack wobbles or feels loose	Loose mounting bolts; incorrect installation.	Check and tighten all mounting bolts. Ensure the rack is properly aligned and all brackets are correctly positioned.
Difficulty installing	Misalignment of mounting points; incorrect hardware usage.	Refer to the "Setup and Installation" section. Ensure you are using the correct bolts for each point. Some adjustment of the stays may be necessary. Consider professional installation if issues persist.
Items slide off the rack	Items not properly secured; overloading.	Always use bungee cords, straps, or panniers to secure items. Do not exceed the maximum load capacity.
Rack interferes with tire or chain	Improper alignment during installation.	Loosen mounting bolts, re-align the rack to ensure adequate clearance, then re-tighten.

SPECIFICATIONS

Brand	ACID
Model Number	92048
Material	Aluminum
Color	Black
Tire Size Compatibility	28 inches
Mounting Type	Rear Seat Mount
Load Capacity	25 kg (55 lbs)
Product Dimensions (approx.)	44.29 x 35.7 x 18.9 cm
Product Weight (approx.)	840 grams

WARRANTY AND SUPPORT

ACID products are manufactured to high quality standards. For specific warranty information, please refer to the warranty card included with your purchase or visit the official ACID website. If you encounter any issues or require technical assistance, please contact ACID customer support through their official channels. For further assistance, please visit the [ACID \(Cube\) Service & Support page](#).

