

XLC DO-A24

XLC DO-A24 Aluminum Derailleur Hanger Instruction Manual

Model: DO-A24 (Part No. 2501170023)

1. INTRODUCTION

Thank you for choosing the XLC DO-A24 Aluminum Derailleur Hanger. This component is designed to protect your bicycle frame by providing a sacrificial link between the frame and the rear derailleur. Made from durable aluminum, it ensures reliable performance and is an essential part of your bicycle's drivetrain system. This manual provides important information for proper installation, use, and maintenance.

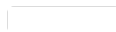


Image 1: XLC Brand Logo.

2. SAFETY INFORMATION

- Always wear appropriate safety gear, such as gloves and eye protection, when working on your bicycle.
- Ensure your bicycle is stable and secured in a work stand before beginning any installation or maintenance.
- Use the correct tools for each step to prevent damage to the component or bicycle.
- Do not overtighten bolts. Refer to the recommended torque specifications for your derailleur and frame.
- Keep small parts away from children.

3. PRODUCT OVERVIEW

The XLC DO-A24 is an aluminum derailleur hanger designed to mount your rear derailleur to the bicycle frame. It acts as a fuse, bending or breaking in the event of an impact to prevent damage to the more expensive frame or derailleur. This specific model is compatible with various aluminum frames that utilize a bolt-on hanger design.



Image 2: XLC DO-A24 Aluminum Derailleur Hanger. This image shows the specific shape and bolt holes of the hanger.

4. SETUP AND INSTALLATION

Tools Required:

- Hex key set (typically 4mm or 5mm)
- Torque wrench (recommended for precise tightening)
- Degreaser and clean cloth

Installation Steps:

1. **Remove Old Hanger (if applicable):** If replacing an existing hanger, carefully unbolt the rear derailleur from the old hanger. Then, remove the bolts securing the old hanger to the frame. Keep all bolts for reuse if they are in good condition.
2. **Clean Mounting Area:** Thoroughly clean the frame's dropout area where the hanger mounts using a degreaser and a clean cloth. Ensure no dirt or debris is present.
3. **Position New Hanger:** Align the XLC DO-A24 hanger with the mounting holes on your bicycle frame's dropout. Ensure it sits flush against the frame.
4. **Secure Hanger to Frame:** Insert the hanger bolts through the frame and into the hanger. Hand-tighten them initially. Using a torque wrench, tighten the bolts to the manufacturer's recommended torque specification for your frame (typically found in your bicycle's manual). *Do not overtighten.*
5. **Attach Rear Derailleur:** Mount your rear derailleur onto the newly installed hanger using the derailleur's mounting bolt. Tighten this bolt to the derailleur manufacturer's recommended torque specification.
6. **Check Alignment:** After installation, it is crucial to check the derailleur hanger alignment using a derailleur hanger alignment tool. A misaligned hanger can lead to poor shifting performance and potential damage. Adjust if necessary.
7. **Test Shifting:** Once installed and aligned, test the rear shifting through all gears to ensure smooth and accurate operation.

5. OPERATING INSTRUCTIONS

The XLC DO-A24 derailleur hanger is a passive component. Its primary function is to provide a secure mounting point for your rear derailleur and to protect your frame. Proper operation is ensured by correct installation and regular maintenance of your entire drivetrain system. Always ensure your derailleur is properly adjusted for optimal shifting performance.

6. MAINTENANCE

- **Regular Inspection:** Periodically inspect the derailleur hanger for any signs of bending, cracks, or damage. Even a slight bend can affect shifting performance.
- **Cleaning:** Keep the hanger and surrounding area clean from dirt, mud, and grime. Use a mild degreaser and a brush if necessary, then rinse and dry.
- **Replacement:** If the hanger is bent beyond repair or shows signs of fatigue, it must be replaced immediately with a new XLC DO-A24 hanger to prevent damage to your derailleur or frame.

7. TROUBLESHOOTING

- **Poor Shifting Performance:** If your rear derailleur is not shifting smoothly or accurately, the first thing to check after cable tension is the alignment of the derailleur hanger. Even a minor impact can bend it.
- **Derailleur Rubbing Chain:** This can be a symptom of a bent hanger, causing the derailleur cage to be out of alignment with the cassette.
- **Loose Derailleur:** Ensure all bolts securing the hanger to the frame and the derailleur to the hanger are tightened to their specified torque.

8. SPECIFICATIONS

Feature	Specification
Brand	XLC
Model Name	DO-A24
Part Number	2501170023
Material	Aluminum
Mounting Type	Bolt-on Frame Mount
Color Options	Black or Silver
Number of Items	1
GTIN (Global Trade Item Number)	04055149031640

Country of Origin

Germany

9. WARRANTY AND SUPPORT

The XLC DO-A24 Aluminum Deraillleur Hanger comes with **a2-year manufacturer's warranty**. This warranty covers defects in materials and workmanship under normal use. For warranty claims or technical support, please contact your retailer or the official XLC customer service.

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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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