

XLC BS-X06

XLC BS-X06 Brake Pad Set for Magura HS Hydraulic Brakes

Model: BS-X06 | Brand: XLC

INTRODUCTION

This manual provides instructions for the installation, maintenance, and general use of the XLC BS-X06 brake pad set. These brake pads are designed for use with Magura HS hydraulic caliper brakes on bicycles equipped with aluminum or steel rims. Proper installation and maintenance are crucial for safe and effective braking performance.

PACKAGE CONTENTS

The XLC BS-X06 brake pad set includes the following items:

- Four (4) XLC BS-X06 replacement brake blocks for Magura HS brakes.



Image: XLC BS-X06 brake pads. This image displays two black brake pads, one showing the full block design and the other revealing the mounting interface.

COMPATIBILITY

- **Brake System:** Specifically designed for Magura HS hydraulic caliper brakes (e.g., HS11, HS22, HS33).
- **Rim Type:** Suitable for use with both aluminum and steel bicycle rims.

SAFETY INFORMATION

Always ensure that brake components are installed correctly and are in good working order. Incorrect installation or worn brake pads can lead to reduced braking performance and potential accidents. If you are unsure about any installation steps, consult a qualified bicycle mechanic.

- Regularly inspect brake pads for wear.
- Ensure brake pads are clean and free from oil, grease, or dirt.
- Test brakes at low speed after installation or maintenance.

SETUP AND INSTALLATION

Follow these steps to replace your Magura HS brake pads:

1. **Prepare the Bicycle:** Secure the bicycle in a repair stand or ensure it is stable.
2. **Remove Old Brake Pads:**
 - Locate the small retaining pin or screw that holds the brake pad in the caliper arm.
 - Carefully remove this pin/screw.
 - Slide the old brake pad out of its slot in the caliper arm. Note its orientation.
3. **Clean Caliper Arms:** Clean any dirt or debris from the caliper arms where the brake pads sit.
4. **Install New Brake Pads:**

- Slide the new XLC BS-X06 brake pad into the caliper arm, ensuring it is oriented correctly (the braking surface should face the rim).
- Reinsert the retaining pin or screw to secure the new brake pad. Ensure it is fully seated and tightened.

5. Adjust Brake Pads:

- Ensure the brake pads are aligned with the rim's braking surface. They should contact the rim squarely and not touch the tire.
- Adjust the brake pad position using the adjustment screws on the caliper arms if necessary.
- Check that there is adequate clearance between the pads and the rim when the brake lever is released.

6. **Test Brakes:** Squeeze the brake lever several times to ensure proper function. Spin the wheel and apply the brake to check for effective stopping power and smooth operation.



Image: Detailed view of an XLC BS-X06 brake pad. This image highlights the specific design of the brake pad, including its mounting mechanism and the texture of the braking surface.

OPERATING INSTRUCTIONS

Once installed, the XLC BS-X06 brake pads operate as part of your Magura HS hydraulic brake system. Apply the brake levers smoothly and progressively to control your speed. Avoid sudden, harsh braking unless in an emergency, as this can reduce control and increase wear on components.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your brake pads:

- **Inspection:** Periodically check the brake pads for wear. Replace them when the wear indicator (if present) is reached, or when the braking surface is significantly reduced.
- **Cleaning:** Keep brake pads and rims clean. Dirt, mud, or grit can embed in the pads and reduce braking effectiveness or damage rims. Use a clean cloth and appropriate bike cleaner if necessary.
- **Contamination:** Avoid getting oil, grease, or lubricants on the brake pads or rims. If contamination occurs, clean thoroughly or replace the pads.
- **Bedding-in:** New brake pads require a "bedding-in" period. Perform several moderate stops from a cruising speed to allow the pads to conform to the rim surface and achieve full braking power.

TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---------|----------------|----------|
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|--------------------------|--|---|
| Poor Braking Performance | Worn pads, contaminated pads/rims, improper adjustment, air in hydraulic system. | Replace pads, clean pads/rims, adjust pad alignment, bleed hydraulic system (consult mechanic). |
| Brake Squeal | Contaminated pads/rims, misaligned pads, loose caliper, new pads not bedded-in. | Clean pads/rims, adjust pad alignment, check caliper bolts, bed-in new pads. |
| Pads Rubbing Rim | Improper pad adjustment, bent rim, caliper misalignment. | Adjust pad clearance, true rim (consult mechanic), realign caliper. |

SPECIFICATIONS

Brand: XLC

Model: BS-X06 (Manufacturer Model Number: 2500387000)

Material: Rubber

Color: Black

Length: 50 mm

Product Dimensions (L x W x H): 6.69" x 4.53" x 0.34"

Number of Pieces: 4 (per set)

Item Weight: 0.06 Kilograms (for the set)

Compatibility: Magura HS hydraulic caliper brakes, Aluminum and Steel Rims

WARRANTY INFORMATION

The XLC BS-X06 brake pad set comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects. It does not cover wear and tear from normal use, improper installation, or damage caused by misuse or accidents. Please retain your proof of purchase for warranty claims.

SUPPORT

For further assistance or if you encounter issues not covered in this manual, please refer to the official XLC website or contact your local bicycle dealer. Always prioritize safety and consult a professional mechanic for complex repairs or adjustments.