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SHIMANO ERDM370SGSL

Shimano Acera RD-M370 Altus SGS Rear Derailleur Instruction Manual

Model: ERDM370SGSL | Brand: SHIMANO

PRODUCT OVERVIEW

The Shimano Acera RD-M370 Altus SGS Rear Derailleur is designed to provide crisp and reliable shifting performance for 9-speed drivetrains, suitable for both on-road and off-road cycling. Its wide link design enhances rigidity and extends service life, while 11-tooth pulleys minimize wear and chain noise. Featuring an advanced light action design with low friction fluorine coated link pivot bushings and a top-normal swing design, this derailleur ensures smooth and efficient gear changes.

PACKAGE CONTENTS

- 1 x Shimano Acera RD-M370 Altus SGS Rear Derailleur

SETUP AND INSTALLATION

Proper installation is crucial for optimal performance and safety. If you are unsure about any steps, consult a professional bicycle mechanic.

Tools Required

- Hex Key Set (e.g., 5mm)
- Cable Cutters
- Chain Tool (if replacing chain)
- Torque Wrench (recommended)

Installation Steps

- 1. Mounting the Derailleur:** Attach the derailleur to the derailleur hanger on your bicycle frame. Ensure it is securely tightened to the manufacturer's recommended torque specification.

2. **Cable Routing:** Route the derailleur cable from your shifter to the derailleur. Ensure the cable runs smoothly without kinks or excessive friction.
3. **Cable Attachment:** Secure the derailleur cable to the derailleur's cable fixing bolt. Pull the cable taut before tightening the bolt.
4. **Chain Installation:** If installing a new chain, ensure it is the correct length for your drivetrain. Route the chain through the derailleur pulleys.
5. **Limit Screw Adjustment:**
 - **High Limit (H) Screw:** Adjust the H-screw to prevent the chain from shifting beyond the smallest cog and into the frame.
 - **Low Limit (L) Screw:** Adjust the L-screw to prevent the chain from shifting beyond the largest cog and into the spokes.
6. **B-Tension Adjustment:** Adjust the B-tension screw to set the proper distance between the upper guide pulley and the cogs. This ensures smooth shifting across all gears.
7. **Indexing Adjustment:** Fine-tune the cable tension using the barrel adjuster on the shifter or derailleur to ensure precise shifting across all gears. Shift through all gears to confirm smooth operation.



Image: Shimano Acera RD-M370 Altus SGS Rear Derailleur. This image shows the complete derailleur unit, highlighting its black finish and

the "ALTUS" and "SHIMANO" branding. The pulley wheels and cage are visible, indicating its function in guiding the bicycle chain.

OPERATING INSTRUCTIONS

The Shimano Acera RD-M370 Altus SGS Rear Derailleur is designed for use with 9-speed drivetrains.

Shifting Gears

- To shift to a *larger cog* (easier gear), press the larger shift lever on your right-hand shifter.
- To shift to a *smaller cog* (harder gear), press the smaller shift lever on your right-hand shifter.
- Always pedal forward while shifting to ensure smooth and efficient gear changes. Avoid shifting under heavy load.

MAINTENANCE

Regular maintenance will prolong the life of your derailleur and ensure optimal performance.

- **Cleaning:** Periodically clean the derailleur, especially the pulleys, to remove dirt and grime. Use a degreaser specifically designed for bicycle components.
- **Lubrication:** After cleaning, apply a suitable bicycle chain lubricant to the derailleur pivots and pulley bearings. Wipe off any excess lubricant.
- **Inspection:** Regularly inspect the derailleur for any signs of damage, wear, or loose bolts. Check the derailleur hanger for alignment.
- **Cable and Housing:** Inspect the shift cable and housing for fraying, kinks, or corrosion. Replace them if necessary to maintain smooth shifting.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Shifting is slow or hesitant	Insufficient cable tension, dirty/dry cable, worn pulleys	Adjust barrel adjuster, clean and lubricate cable/housing, inspect and replace pulleys if worn.
Chain skips gears	Incorrect indexing, bent derailleur hanger, worn chain/cassette	Re-index gears, check and straighten/replace hanger, inspect and replace chain/cassette if worn.
Derailleur rubs against chain	Limit screws incorrectly set, B-tension incorrect	Re-adjust H/L limit screws, adjust B-tension screw.

SPECIFICATIONS

- **Model:** ERDM370SGSL
- **Series:** Acera / Altus
- **Speed:** 9-speed compatible
- **Cage Length:** SGS (Long Cage)
- **Color:** Black
- **Material:** Aluminium (Case Material)
- **Weight:** Approximately 0.6 Pounds (0.39 Kilograms)
- **Mounting Type:** Braze-On Mount
- **Manufacturer:** Cycle Force Group

- **Part Number:** 587725
- **UPC:** 689228979635, 689228022263

WARRANTY AND SUPPORT

This Shimano Acera RD-M370 Altus SGS Rear Derailleur comes with a **Limited Warranty**. For specific warranty terms and conditions, please refer to the official Shimano website or contact their customer support.

For technical support, spare parts, or further assistance, please visit the official SHIMANO website or contact an authorized SHIMANO dealer.

You can find more information and contact details on the SHIMANO Store on Amazon.