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microSHIFT M759

microSHIFT M759 Marvo LT 3-Speed Left Shifter User Manual

Model: M759 (SL-M759-L)

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your microSHIFT M759 Marvo LT 3-Speed Left Shifter. Designed for mountain biking, this shifter offers precise and reliable gear changes for triple chainring setups. Please read this manual thoroughly before installation and use to ensure optimal performance and longevity of your product.

2. PRODUCT OVERVIEW

The microSHIFT M759 Marvo LT Left Shifter is engineered for durability and precise shifting performance. Key features include:

- Durable Construction:** Features steel lever construction for enhanced longevity and resistance to harsh trail conditions.
- 9-Speed Mountain Derailleur Compatibility:** Optimized for seamless integration with 9-speed mountain derailleurs, ensuring smooth and accurate shifts.
- Triple Chainring Specific:** Designed for front triple chainring systems, providing versatile gearing options.
- Trigger-Style Shifting:** Intuitive and responsive trigger mechanism for quick and efficient gear changes.
- Optical Gear Indicator:** A clear, visible indicator allows for easy monitoring of your current gear position.
- Simplified Cable Routing:** Straight cable entrance and exit routing facilitates easier installation and setup.



Figure 1: microSHIFT M759 Marvo LT 3-Speed Left Shifter. This image displays the black shifter unit, highlighting the "MARVO LT" branding and "Triple" designation on the optical gear indicator window. The two trigger levers are visible on the right side, and the cable adjustment barrel is on the left.

3. SETUP AND INSTALLATION

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

3.1 Tools Required

- Hex wrench set (typically 4mm or 5mm for shifter clamp)
- Cable cutters
- Cable crimps
- Grease (for cable housing ends)

3.2 Mounting the Shifter

1. Loosen the clamp bolt on the shifter using the appropriate hex wrench.
2. Slide the shifter onto the left side of your handlebar. Position it comfortably for easy access to the shift levers and optical indicator. Ensure it does not interfere with brake levers or grips.
3. Tighten the clamp bolt securely. Do not overtighten, as this can damage the shifter or handlebar.

3.3 Cable Installation and Routing

1. Ensure the shifter is in the highest gear (smallest chainring position) by pressing the release lever multiple times.
2. Locate the cable port on the shifter. Insert the shift cable head into the designated slot.
3. Route the cable through the shifter body and out the cable adjustment barrel.
4. Thread the cable through the outer cable housing, ensuring the housing is cut to the correct length and ends are properly prepared (e.g., with ferrules).

5. Route the cable and housing to your front derailleur.
6. Attach the cable to the front derailleur's cable anchor bolt, ensuring proper tension.
7. Cut any excess cable, leaving approximately 2-3 cm, and crimp a cable end cap onto the cable to prevent fraying.

3.4 Adjusting the Front Derailleur

After cable installation, fine-tune your front derailleur according to the manufacturer's instructions. This typically involves adjusting limit screws and cable tension to ensure smooth and precise shifting across all three chainrings.

4. OPERATING INSTRUCTIONS

The microSHIFT M759 Marvo LT shifter uses a trigger-style mechanism for intuitive gear changes.

4.1 Shifting Up (Larger Chainring)

To shift to a larger chainring (harder gear), press the longer, main trigger lever towards the handlebar. This action pulls the cable, moving the front derailleur outwards.

4.2 Shifting Down (Smaller Chainring)

To shift to a smaller chainring (easier gear), press the smaller, release trigger lever. This action releases cable tension, allowing the front derailleur to move inwards.

4.3 Optical Gear Indicator

The clear window on top of the shifter displays your current front gear position (1, 2, or 3). This allows for quick visual confirmation of your gear selection.

5. MAINTENANCE

Regular maintenance ensures smooth operation and extends the life of your shifter.

- **Cleaning:** Periodically wipe down the shifter body with a clean, damp cloth to remove dirt and grime. Avoid using harsh chemicals.
- **Cable Inspection:** Regularly check the shift cable and housing for signs of wear, fraying, or corrosion. Replace cables and housing as needed to maintain crisp shifting.
- **Lubrication:** Apply a small amount of light lubricant to the pivot points of the shift levers and the cable where it enters the housing to ensure smooth movement. Do not over-lubricate.
- **Bolt Torque:** Periodically check the shifter clamp bolt for proper torque. Refer to your bicycle's or component's specifications for recommended torque values.

6. TROUBLESHOOTING

If you experience issues with your shifter, consider the following common problems and solutions:

- **Difficulty Shifting:**
 - Check cable tension. Adjust using the barrel adjuster on the shifter or the front derailleur.
 - Inspect shift cable and housing for friction, kinks, or corrosion. Replace if necessary.
 - Ensure the front derailleur is properly aligned and its limit screws are correctly set.
- **Shifter Feels Loose or Sticky:**

- Check the shifter clamp bolt for tightness.
- Clean and lubricate the shifter mechanism and cable.

- **Optical Indicator Not Changing:**

- This usually indicates a problem with the shifting mechanism or cable tension. Address shifting issues first.

If problems persist after attempting these solutions, it is recommended to seek assistance from a qualified bicycle mechanic.

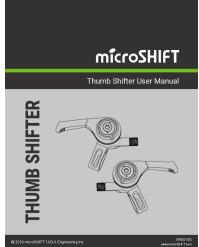
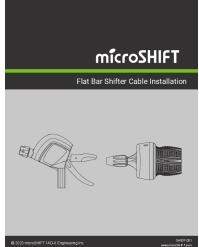
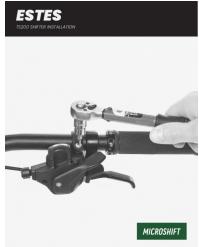
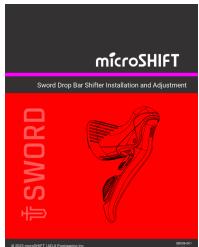
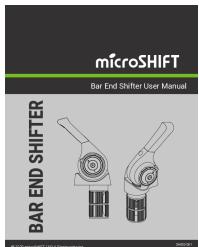
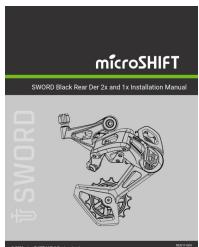
7. SPECIFICATIONS

Feature	Detail
Brand	microSHIFT
Model Number	SL-M759-L
Shifter Type	Left Trigger Shifter
Speed Compatibility	3-Speed (for triple chainring)
Derailleur Compatibility	9-Speed Mountain Derailleurs
Material	Alloy Steel (Lever)
Color	Black / Silver
Special Features	Optical Gear Indicator, Easy to Install
Item Weight	7.2 ounces (approx. 0.45 lbs)
Product Dimensions	10 x 8 x 2 inches
UPC	657993146736

8. WARRANTY AND SUPPORT

For warranty information or technical support regarding your microSHIFT M759 Marvo LT 3-Speed Left Shifter, please refer to the official microSHIFT website or contact their customer service directly. Keep your proof of purchase for any warranty claims.

For further assistance, you may visit the [microSHIFT brand page on Amazon](#) or contact the seller, 365 Cycles, through your Amazon order details.

	<p><u>microSHIFT Thumb Shifter User Manual: Installation and Adjustment Guide</u></p> <p>Comprehensive user manual for microSHIFT Thumb Shifters, covering installation, cable routing, adjustments, and friction mode for various mountain and road bike models. Includes detailed step-by-step instructions and part information.</p>
	<p><u>microSHIFT Flat Bar Shifter Cable Installation Guide</u></p> <p>Step-by-step instructions for installing and replacing shifter cables on microSHIFT Flat Bar, Trail Trigger/XPress, and Twist Shift systems. Includes important safety notices and diagrams.</p>
	<p><u>Microshift TS200 Shifter Installation Guide</u></p> <p>Comprehensive installation instructions for the Microshift TS200 bicycle shifter, covering setup, positioning, tightening, and cable routing for optimal performance.</p>
	<p><u>microSHIFT Sword Drop Bar Shifter Installation and Adjustment Guide</u></p> <p>Comprehensive installation and adjustment guide for the microSHIFT SWORD drop bar shifters. Learn how to properly mount, set height and angle, and install cables for optimal performance.</p>
	<p><u>microSHIFT Bar End Shifter User Manual - Installation and Adjustment Guide</u></p> <p>Comprehensive user manual for microSHIFT Bar End Shifters, covering installation, adjustment, and maintenance. Includes detailed instructions, part lists, and troubleshooting tips for various models.</p>
	<p><u>microSHIFT SWORD Black Rear Derailleur 2x and 1x Installation Manual</u></p> <p>Comprehensive installation guide for the microSHIFT SWORD Black Rear Derailleur, covering 2x and 1x setups. Includes steps for attachment, limit screw adjustment, cable routing, chain sizing, and shifting adjustments.</p>