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› [SHIMANO](#) /

› [Shimano Tourney SL-TX50 3x6-Speed Thumb Shifter Set Instruction Manual](#)

SHIMANO SL-TX50

Shimano Tourney SL-TX50 3x6-Speed Thumb Shifter Set Instruction Manual

Model: **SL-TX50** | Brand: **SHIMANO**

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Shimano Tourney SL-TX50 3x6-Speed Thumb Shifter Set. Adhering to these instructions will ensure optimal performance and longevity of your bicycle's shifting system. This shifter set is designed for mountain bikes with a 3x6-speed drivetrain configuration.

PRODUCT OVERVIEW

The Shimano Tourney SL-TX50 Thumb Shifter Set offers reliable and precise gear changes. It features an optical gear display for easy monitoring of your current gear selection and is constructed from durable, lightweight materials to withstand various cycling conditions. The set includes the necessary SIS40 shift cable for installation.



Image 1: A close-up view of the Shimano Tourney SL-TX50 3x6-Speed Thumb Shifter. The shifter is silver and black, featuring a clear optical gear display and two thumb levers for shifting.

SETUP AND INSTALLATION

Proper installation is crucial for the performance of your shifter set. It is recommended that installation be performed by a qualified bicycle mechanic if you are unfamiliar with the process.

- Handlebar Mounting:** The shifters are designed to fit standard 22.2mm handlebars. Loosen the clamp bolt on each shifter, position them on your handlebars in a comfortable and accessible location, and then tighten the clamp bolts securely. Ensure they do not interfere with brake levers or other handlebar accessories.
- Cable Routing:** The SL-TX50 set includes SIS40 shift cables. Route the cables from the shifters along your bicycle frame to the front and rear derailleurs. Ensure cables are routed smoothly without sharp bends or kinks that could impede shifting performance. Use appropriate cable housing and ferrules.
- Derailleur Connection:** Connect the shift cables to your front and rear derailleurs according to the derailleur manufacturer's instructions. Ensure proper tension is applied to the cables.
- Initial Adjustment:** Perform initial adjustments to both front and rear derailleurs to ensure they shift smoothly across all gears. Refer to your derailleur's specific adjustment guide for detailed steps.

OPERATING INSTRUCTIONS

The Shimano Tourney SL-TX50 thumb shifters provide intuitive control over your bicycle's gears.

- **Up-shifting (Higher Gear):** To shift to a higher gear (smaller cog on the rear, larger chainring on the

front), press the larger thumb lever. The optical gear display will show the current gear number.

- **Down-shifting (Lower Gear):** To shift to a lower gear (larger cog on the rear, smaller chainring on the front), press the smaller thumb lever. The optical gear display will update to reflect the new gear.
- **Optical Gear Display:** The clear window on the shifter indicates your current gear selection, allowing for quick and confident shifts without looking down at the cassette or chainrings.
- **Multi-Shift Function:** The rear shifter may allow for multiple gear changes with a single, longer press of the down-shift lever, enabling rapid transitions across several gears.

Always shift gears while pedaling lightly to ensure smooth transitions and prevent damage to the drivetrain components.

MAINTENANCE

Regular maintenance will prolong the life and performance of your shifter set.

- **Cleaning:** Periodically clean the shifters and exposed shift cables with a damp cloth to remove dirt and grime. Avoid using harsh chemicals that could damage plastic components.
- **Lubrication:** Apply a small amount of bicycle-specific lubricant to the pivot points of the shifter levers and the exposed sections of the shift cables where they enter the housing. This ensures smooth operation and prevents corrosion.
- **Cable Inspection:** Regularly inspect shift cables for fraying, rust, or kinks. Damaged cables should be replaced immediately to maintain shifting accuracy and safety.
- **Housing Inspection:** Check cable housing for cracks or damage. Damaged housing can lead to increased friction and poor shifting performance.
- **Tightness Check:** Periodically check that the shifter clamp bolts are securely tightened to the handlebars.

TROUBLESHOOTING

If you experience issues with your shifting system, consult the following common troubleshooting tips:

- **Difficulty Shifting / Skipping Gears:**
 - Check cable tension: Too loose or too tight cables can cause inaccurate shifting. Adjust the barrel adjusters on the shifter or derailleur to fine-tune tension.
 - Inspect cables and housing: Frayed cables or damaged housing can create friction. Replace if necessary.
 - Derailleur alignment: Ensure your derailleurs are properly aligned and not bent. A bent derailleur hanger can significantly impact shifting.
 - Lubrication: Ensure all moving parts of the shifter and derailleur, as well as the cables, are adequately lubricated.
- **Shifter Levers Feel Stiff:**
 - Lubricate the shifter mechanism and cables.
 - Check for internal debris or corrosion within the shifter body.
- **Optical Gear Display Not Changing:**
 - This usually indicates a problem with the internal mechanism or severe cable tension issues. Consult

a professional mechanic.

For persistent issues, it is recommended to seek assistance from a professional bicycle mechanic.

SPECIFICATIONS

Feature	Detail
Model Name	Tourney SL-TX50/TX30 Shifter Set
Brand	SHIMANO
Speed Compatibility	3x6-Speed Drivetrain
Shifter Type	Thumb Shifter
Handlebar Clamp Diameter	22.2mm
Material	Multi (Aluminum handle)
Color/Finish	Silver / Black/Gray
Included Components	SIS40 Shift Cable Set
Item Weight	0.34 Pounds
Special Feature	Optical Gear Display, Portable
Specific Uses	Bicycle
Part Number	ESLTX50P6SAT
UPC	689228602205

WARRANTY INFORMATION

Shimano products are manufactured to high standards and are covered by a limited warranty against defects in materials and workmanship. For specific warranty terms and conditions, please refer to the official Shimano website or contact their customer support. Keep your proof of purchase for warranty claims.

SUPPORT

For further assistance, technical support, or to locate an authorized service center, please visit the official SHIMANO website or contact their customer service department. You can find contact information on the product packaging or on the SHIMANO brand store page on Amazon.