

SHIMANO ST-TX800

Shimano Tourney TX800 TX EZ Fire Plus Shift/Brake Lever Instruction Manual

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Shimano Tourney TX800 TX EZ Fire Plus Shift/Brake Lever. Please read these instructions carefully before use to ensure optimal performance and safety.

PRODUCT OVERVIEW

The Shimano Tourney TX800 TX EZ Fire Plus Shift/Brake Lever is designed for reliable shifting and braking performance on entry-level sport bikes. It combines a shift lever and a brake lever into a single unit for a clean handlebar setup.



Image Description: A close-up view of the Shimano Tourney TX800 TX EZ Fire Plus Shift/Brake Lever. The image shows the ergonomic design of the 2-finger brake lever and the integrated shift lever with its optical gear display. The unit is black with silver accents, highlighting the shift buttons and the gear indicator window.

Key Features:

- EZ FIRE Plus Shift/Brake Lever (3x8-speed configuration).
- Reliable brake performance with smooth, light action.
- Ergonomic 2-finger brake lever design.
- Attractive, visible, and intuitive Optical Gear Display for quick gear position confirmation.
- Constructed from durable aluminum.

SETUP AND INSTALLATION

Installation of the Shimano Tourney TX800 TX EZ Fire Plus Shift/Brake Lever is designed to be straightforward. It is recommended to have basic bicycle maintenance knowledge or consult a professional bicycle mechanic for installation.

Installation Steps:

1. **Prepare the Handlebar:** Ensure the handlebar area where the lever will be mounted is clean and free of obstructions.
2. **Position the Lever:** Slide the shift/brake lever onto the handlebar. Position it ergonomically for comfortable reach of both the shift and brake levers.
3. **Secure the Lever:** Use an appropriate hex key to tighten the clamp bolt. Do not overtighten; refer to torque specifications if available for your handlebar.
4. **Install Cables:** The product includes an OT-SIS40 derailleur cable and housing set. Route the shift and brake cables through the appropriate guides on your bicycle frame.
5. **Connect to Derailleurs and Brakes:** Connect the shift cables to the front and rear derailleurs and the brake cables to the front and rear brake calipers/mechanisms.
6. **Adjust Tension:** Adjust the cable tension for both shifting and braking to ensure smooth operation and proper engagement. Test all functions thoroughly before riding.

Note: Quality cable cutters are recommended for clean cable housing cuts, which are essential for optimal shifting and braking performance. This kit does not include cable cutters.

OPERATING INSTRUCTIONS

The EZ Fire Plus system allows for intuitive gear changes and reliable braking.

Shifting Gears:

- **Upshifting (Higher Gear):** Use the larger lever (typically operated by the thumb) to shift to a higher gear.
- **Downshifting (Lower Gear):** Use the smaller lever (typically operated by the index finger) to shift to a lower gear.
- **Optical Gear Display:** Observe the Optical Gear Display window to confirm your current gear position at a glance.

Braking:

- The integrated brake lever provides smooth and light action for effective stopping power.
- Apply pressure to the brake lever to engage the brakes. Apply both front and rear brakes simultaneously for controlled stopping.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your shift/brake levers.

- **Cleaning:** Keep the levers and surrounding areas clean from dirt and grime. Use a damp cloth and mild soap if necessary.
- **Lubrication:** Periodically lubricate the shift and brake cables to maintain smooth operation. Use a bicycle-specific lubricant.
- **Cable Inspection:** Regularly inspect shift and brake cables for fraying, kinks, or corrosion. Replace damaged cables promptly.
- **Lever Function Check:** Ensure both shift and brake levers move freely and return to their original positions without sticking.
- **Bolt Tightness:** Periodically check the tightness of the handlebar clamp bolts.

TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Difficulty shifting gears	Incorrect cable tension, dirty/frayed cables, misaligned derailleur	Adjust cable tension, clean/replace cables, adjust derailleur limits
Brakes feel spongy or weak	Loose brake cable, worn brake pads, contaminated braking surface	Tighten brake cable, replace brake pads, clean braking surface
Lever does not return smoothly	Lack of lubrication, internal dirt/debris, damaged spring	Lubricate pivot points, clean lever mechanism, consult a mechanic for repair

SPECIFICATIONS

Feature	Detail
Model Name	ST-TX800
Model Number	ESTTX800P8AL
Brand	SHIMANO
Speed Compatibility	3x8-speed
Material	Aluminum
Included Components	OT-SIS40 derailleur cable and housing set
Item Weight	2.07 Pounds
Product Dimensions	8.75"L x 8.75"W
Hand Orientation	Right (as per specification, though typically sold as a set for both hands)

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Shimano website or contact your authorized Shimano dealer. Keep your proof of purchase for any warranty claims.

Shimano Official Website: bike.shimano.com