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› SHIMANO Di2 Electronic Wire Tool TL-EW01 Instruction Manual

SHIMANO TL-EW01

SHIMANO Di2 Electronic Wire Tool TL-EW01 Instruction Manual

Your guide to efficient installation and removal of Shimano Di2 electronic shifting wires.

PRODUCT OVERVIEW

The SHIMANO Di2 Electronic Wire Tool TL-EW01 is specifically designed for the precise handling of Shimano Di2 electronic shifting system components. This tool facilitates the removal and installation of E-Tube wires, including SD300 and SD50 lines, and is also used for managing locknuts and outward return springs on STI road levers. Its design ensures safe and efficient operation, preventing damage to delicate electronic components.



Figure 1: The SHIMANO Di2 Electronic Wire Tool TL-EW01. This black plastic tool features a flat, elongated body with specific ends designed for engaging with electronic shifting wires and components.

SETUP

The TL-EW01 tool requires no assembly. It is ready for use directly out of the packaging. Familiarize yourself with the different ends of the tool:

- One end is typically designed for engaging with the E-Tube wire connectors.
- The other end may feature a different shape for specific tasks such as locknut removal or spring installation on STI levers.

Ensure your work area is clean and well-lit. Always handle electronic components with care to avoid damage.

OPERATING INSTRUCTIONS

1. E-Tube Wire Installation and Removal

This tool is essential for safely connecting and disconnecting Shimano Di2 E-Tube wires, especially in confined spaces. The tool's design helps to apply even pressure, preventing damage to the wire connectors.

1. **For Removal:** Gently insert the appropriate end of the TL-EW01 tool into the gap around the E-Tube wire connector. Apply slight leverage to carefully disengage the connector from its port. Avoid excessive force.
2. **For Installation:** Align the E-Tube wire connector with its port. Use the tool to gently push the connector fully into place until it is seated securely. A subtle 'click' may be felt or heard, indicating a proper connection.

The following videos demonstrate the general process of using an E-Tube plug tool for electronic wire installation and removal. While these videos feature tools from other brands (TorchPilot), the principles and techniques for handling Shimano Di2 E-Tube wires are applicable to the SHIMANO TL-EW01.



Video 1: Demonstration of E-Tube Di2 Plug Cable Tool for easy installation and removal of electronic wires. This video illustrates the general method for handling Di2 wires with a specialized tool.



Video 2: Demonstration of a Di2 E-Tube Plug Tool for Shimano 11-Speed SD50 Line. This video shows the application of a similar tool for specific Shimano SD50 cables.



Video 3: Demonstration of an E-Tube Di2 Plug Cable Tool for Shimano SD300 Cables. This video highlights the use of a comparable tool for Shimano SD300 cables.

2. STI Road Lever Locknut and Spring Installation

The TL-EW01 also includes features for specific tasks on STI road levers:

- **Locknut Removal/Installation:** Use the designated end of the tool (SH-90510 equivalent functionality) to engage with and manipulate the locknut on STI road levers.
- **Outward Return Spring Installation:** The tool provides a pin/guide (SH-90511 equivalent functionality) to assist in installing the outward return spring for STI road levers, ensuring correct positioning and tension.

MAINTENANCE

To ensure the longevity and optimal performance of your SHIMANO Di2 Electronic Wire Tool TL-EW01:

- After each use, wipe the tool clean with a dry cloth to remove any dirt or grease.
- Store the tool in a dry place, away from direct sunlight and extreme temperatures.
- Avoid using harsh chemicals or abrasive materials for cleaning, as these may damage the tool's composite body.

TROUBLESHOOTING

If you encounter difficulties while using the TL-EW01:

- **Wire not engaging/disengaging:** Ensure you are using the correct end of the tool for the specific E-Tube connector. Verify that the connector is properly aligned before attempting to push or pull.
- **Tool feels stuck:** Do not force the tool. Re-evaluate the angle and position. Electronic connectors are delicate and require gentle, precise handling.
- **Damage to components:** If any component appears damaged, cease operation and consult a professional bicycle mechanic or Shimano's official support resources.

SPECIFICATIONS

Feature	Specification
Brand	SHIMANO
Model Number	TL-EW01 (Manufacturer Part Number: Y7CY02000)
UPC	689228301160
Item Weight	0.01 Ounces
Color	Multicolor (typically black)
Compatibility	Shimano Di2 E-Tube (SD300, SD50), STI Road Levers

WARRANTY AND SUPPORT

This SHIMANO product is covered by the manufacturer's standard warranty. For specific warranty details, claims, or technical support, please refer to the official SHIMANO website or contact your authorized SHIMANO dealer. Keep your proof of purchase for warranty purposes.

For additional assistance, you may also consult online resources and forums dedicated to Shimano Di2 systems, or seek advice from a certified bicycle mechanic.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

