

Dealer's Manual

Shifting Switch

SW-E6000

CONTENTS

IMPORTANT NOTICE..... 3

TO ENSURE SAFETY..... 4

Installation..... 6

- Using SM-EWE1 to attach the assist switch to the handlebar 6
- Installing the switch 7
- Names and functions of the switches 7

IMPORTANT NOTICE

- **This dealer's manual is intended primarily for use by professional bicycle mechanics.**
Users who are not professionally trained for bicycle assembly should not attempt to install the components themselves using the dealer's manuals. If any part of the information on the manual is unclear to you, do not proceed with the installation. Instead, contact your place of purchase or a local bicycle dealer for their assistance.
- Make sure to read all instruction manuals included with the product.
- Do not disassemble or modify the product other than as stated in the information contained in this dealer's manual.
- All dealer's manuals and instruction manuals can be viewed on-line on our website (<http://si.shimano.com>).
- Please observe the appropriate rules and regulations of the country, state or region in which you conduct your business as a dealer.

For safety, be sure to read this dealer's manual thoroughly before use, and follow it for correct use.

The following instructions must be observed at all times in order to prevent personal injury and physical damage to equipment and surroundings. The instructions are classified according to the degree of danger or damage which may occur if the product is used incorrectly.

 **DANGER**

Failure to follow the instructions will result in death or serious injury.

 **WARNING**

Failure to follow the instructions could result in death or serious injury.

 **CAUTION**

Failure to follow the instructions could cause personal injury or physical damage to equipment and surroundings.

TO ENSURE SAFETY

WARNING

- **Be sure to follow the instructions provided in the manuals when installing the product.**

It is recommended that you use only genuine Shimano parts. If parts such as bolts and nuts become loose or damaged, the bicycle may suddenly fall over, which may cause serious injury.

In addition, if adjustments are not carried out correctly, problems may occur, and the bicycle may suddenly fall over, which may cause serious injury.

-  Be sure to wear safety glasses or goggles to protect your eyes while performing maintenance tasks such as replacing parts.
- For information on products not explained in this manual, refer to the manuals provided with each product.
- After reading the dealer's manual thoroughly, keep it in a safe place for later reference.

Items related to installation to and maintenance of the bicycle

- Be sure to remove the battery before wiring or attaching parts to the bicycle. Otherwise, an electric shock may result.
- Be sure to follow the instructions provided in the manuals when installing the product. It is recommended that you use only genuine Shimano parts. If bolts and nuts become loose or the product is damaged, the bicycle may suddenly fall over, resulting in a serious injury.

CAUTION

Be sure to also inform users of the following:

- Observe the instructions in the user's manual for the bicycle, in order to ride safely.
- Use the product under the direction of a safety supervisor or the directions for use. Do not allow physically, sensory, or mentally impaired persons, inexperienced persons, or persons with no required knowledge including children to use this instrument.
- Do not allow children to play near the product.
- If any malfunction or trouble occurs, consult the dealer nearest you.
- Never modify the system. This may cause a malfunction in the system.

Note**Be sure to also inform users of the following:**

- For installation and adjustment of the product, consult a dealer.
- The units are designed to be fully waterproof to withstand wet weather riding conditions. However, do not deliberately place them into water.
- Do not clean the bicycle in a high-pressure car wash. If water gets into any of the components, operating problems or rusting may result.
- Handle the components carefully, and avoid subjecting them to any strong shocks.
- If you have any questions about the use and maintenance of the product, consult the dealer where you made the purchase.
- Products are not guaranteed against natural wear and deterioration from normal use and aging.
- For maximum performance we highly recommend Shimano lubricants and maintenance products.

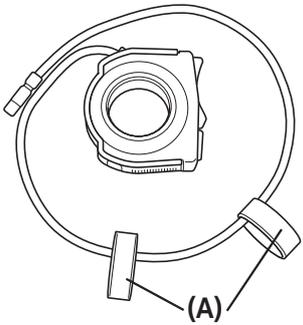
Items related to installation to and maintenance of the bicycle

- Do not disassemble the product. Disassembling it may cause injury to persons.
- Do not use thinner or other solvents to clean any of the components. Such substances may damage the surface.

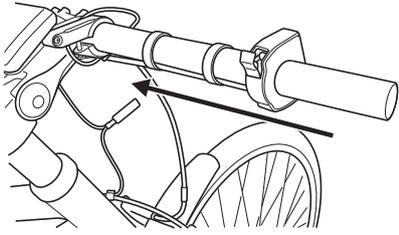
Installation

This dealer's manual describes how to install SW-E6000.
 For information on how to install other products, refer to the appropriate dealer's manual for each product.

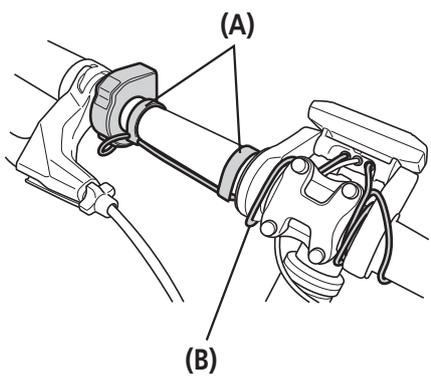
■ Using SM-EWE1 to attach the assist switch to the handlebar

1		<p>Loosely attach SM-EWE1 to the assist switch. Adjust the number of SM-EWE1 units according to the length of the handlebar.</p>
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(A) SM-EWE1

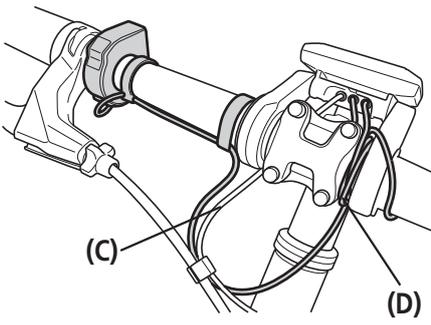
2		<p>Attach the assist switch mounted with SM-EWE1 to the handlebar.</p>
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Example of routing the electric wire

	<p>Example 1: Wind the excess electric wire around the area between the cycle computer and stem and connect the wire to the cycle computer.</p>
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(A) SM-EWE1

(B) Area around which to wind the excess wire

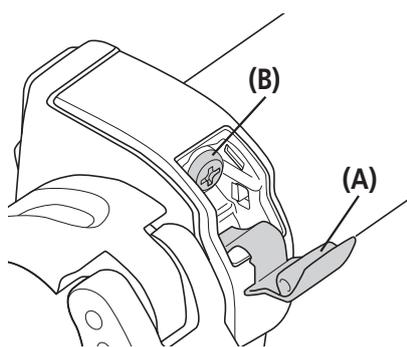
	<p>Example 2: Route the electric wire of the assist switch together with that of the cycle computer via the brake outer casing to the cycle computer.</p>
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(C) Electric wire of the cycle computer

(D) Routing the electric wire behind the handlebar

■ Installing the switch

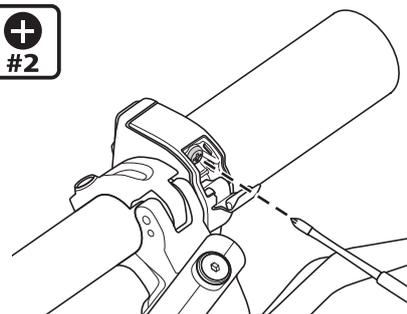
1



Attach the assist switch to a $\varnothing 22.2$ handlebar with the electric wire routed under the switch and open the fixing bolt cover.

- (A) Fixing bolt cover
- (B) Fixing bolt

2



Tighten the fixing bolt with a screwdriver (#2).

Tightening torque	
	1.5 N·m {14 in.lbs}



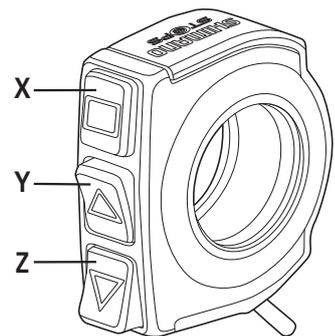
TECH TIPS

When removing it, reverse the procedure.

■ Names and functions of the switches

This product can be used with the specifications of assist mode display switching or gear shifting functionalities. Before use, be sure to check the set specifications.

In order to carry out setting checks or changes, it is necessary to connect to E-tube project. For information on E-tube project, check our support website (<http://e-tubeproject.shimano.com>).



X: Changing the cycle computer display

Y: **When switching assist modes:** the level of assistance becomes stronger
When shifting gears: pedaling becomes heavier

Z: **When switching assist modes:** the level of assistance becomes weaker
When shifting gears: pedaling becomes lighter

CAUTION

- Actual behavior may differ depending on the connected components and software version.
- Depending on the model used, you may need to change its settings before use.
- You cannot assign one function to two or more switches.
- When the product is used as a shifting switch, it provides only rear shifting functionality. Front shifting functionality is not supported.

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Please note: specifications are subject to change for improvement without notice. (English)

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