

Dealer's Manual

ROAD	GRAVEL	MTB
E-BIKE	LIFESTYLE	GENERAL

Shifter

CUES

- SL-U8000
- SL-U6000
- SL-U6001
- SL-U6050
- SL-U4000
- SL-U4001
- SL-U4010
- SL-U4011
- SL-U4050

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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 distributor for assistance.

- Make sure to read all manuals included with each product.
- Do not disassemble or modify the product other than as stated in the information contained in this dealer's manual.
- All manuals and technical documents are accessible online at <https://si.shimano.com>.
- For consumers who do not have easy access to the internet, please contact a SHIMANO distributor or any of the SHIMANO offices to obtain a hardcopy of the user's manual.
- 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.**
Only use SHIMANO genuine parts. If a component or replacement part is incorrectly assembled or adjusted, it can lead to component failure and cause the rider to lose control and crash.
-  Wear approved eye protection while performing maintenance tasks such as replacing components.

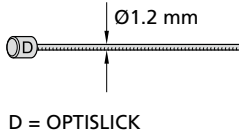
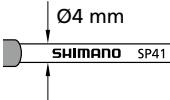
NOTICE

Be sure to also inform users of the following:

- Be sure to keep turning the crank arm during the shifter operation.
- If shifting operations do not feel smooth, consult the place of purchase for assistance.
- 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.

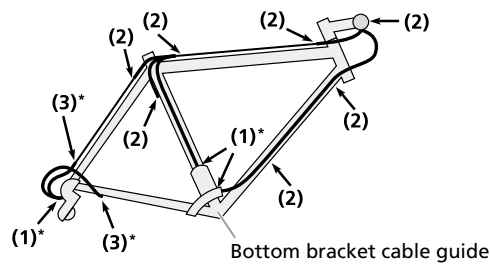
For installation to the bicycle and maintenance

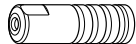
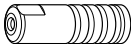
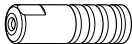
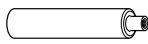
- Grease with SIS SP41 Grease (Y04180000) the inner cable and the sliding portions of the outer casing before use to ensure that they slide properly.
- Use an OT-SP41 cable and a cable guide (SM-SP17 / SP18) for smooth operation.
- A special grease is used for the shifting cable. Do not use Premium Grease or other types of grease, otherwise, they may cause deterioration in shifting performance.
- Use an outer casing which still has some length to spare even when the handlebars are turned all the way to either side. Furthermore, check that the shifter does not touch the bicycle frame when the handles are turned all the way.
- If shifting adjustments cannot be carried out, check the alignment of the derailleur hanger and check if the cable is clean and lubricated or if the outer casing is too long or too short.
- List of cables used

Designated inner cable	Recommended outer casing
 D = OPTISLICK	SP41 outer casing 

- * Refer to the list of recommended outer caps.
- * Do not let dust adhere on the inner cable. If the grease on the inner cable is wiped off, the application of SIS SP41 Grease (Y04180000) is recommended.

- List of recommended outer caps



(1)	(2)	(3)
 or 		 or  + 
A or B	B	B or C + D

* Only B can be used for SL-U4000 / SL-U4001 / SL-U4010 / SL-U4011 / SL-U4050.

Type of outer cap		Remarks
A	Sealed outer cap (aluminum type)	FD / RD side Recommended when the outer casing moves to a large degree, such as in bicycles with suspension frames
B	Sealed outer cap (resin type)	Shifter / FD / RD side
C	Sealed outer cap with tongue	Outer casing holder on frame side
D	Rubber shield	

- Before using LINKGLIDE products, check the combinations listed in the [compatibility information](#).

The actual product may differ from the illustration because this manual is intended mainly to explain the procedures for using the product.

List of tools to be used

The following tools are needed for installation/removal, adjustment, and maintenance purposes.

Tool	
	2 mm hexagon wrench
	2.5 mm hexagon wrench
	4 mm hexagon wrench
	5 mm hexagon wrench
	Cross head screwdriver [#2]

Installation / removal

Installing the shifter

When installing parts onto a carbon frame/handlebar, confirm the recommended tightening torque with the carbon frame or handlebar manufacturer. This will prevent damage to the frame/handlebar due to over-torquing or inadequate securing of the components.

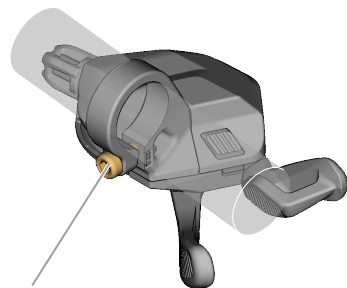
TECH TIPS

- To remove the shifter, reverse the following procedure.

Standard type

1. Tighten the mounting screw.

- SL-U8000 / SL-U6000 / SL-U6001 / SL-U4000 / SL-U4001 / SL-U4010 / SL-U4011: Use a handlebar grip with a maximum outer diameter of Ø36 mm or less.
- SL-U6050 / SL-U4050: Use a handlebar grip with a maximum outer diameter of Ø30 mm.



4 3 N·m
(SL-U8000)

5 5 N·m
(SL-U6000 / SL-U6001 / SL-U6050 /
SL-U4000 / SL-U4001 / SL-U4010 /
SL-U4011 / SL-U4050)

Mounting screw

NOTICE

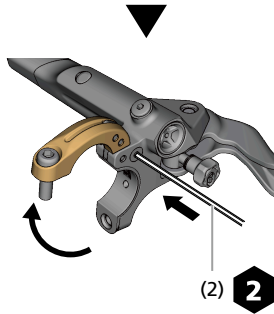
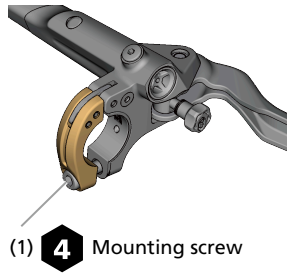
- Check that the brake and shifting operations are not obstructed.

I-SPEC II (SL-U8000-IL / SL-U8000-11IR)

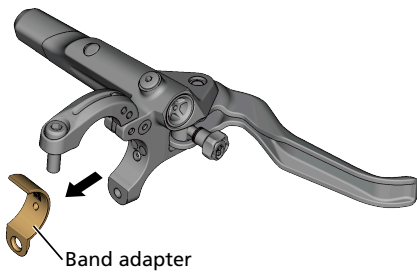
For information on brake levers that can be installed, check the [compatibility information](#).

1. Open the clamp band of the brake lever.

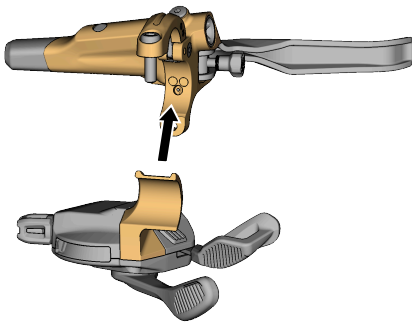
- (1) Loosen the mounting screw.
- (2) Press the recessed area of the clamp band with a tool such as a 2 mm hexagon wrench to disengage the safety latch.



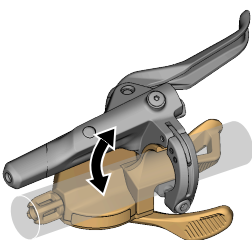
- 2. Remove the band adapter on the inner side of the clamp band.**
Remove any remaining adhesive.



- 3. Set the shifter bracket onto the brake lever bracket.**

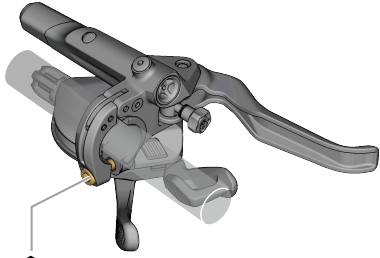


- 4. Install to the handlebar and adjust the position of the shifter.**
Adjust the shifter by sliding it vertically.



5. Secure the clamp band of the brake lever.

Secure it using the mounting screw.



4 4 - 6 N·m

Mounting screw

Adjustment

Adjusting the stopped lever position (RAPIDFIRE PLUS MONO lever)

The stopped lever position can be adjusted. After lever operation, the lever is kept in the adjusted position. If the lever is operated again, the lever returns to its initial position.

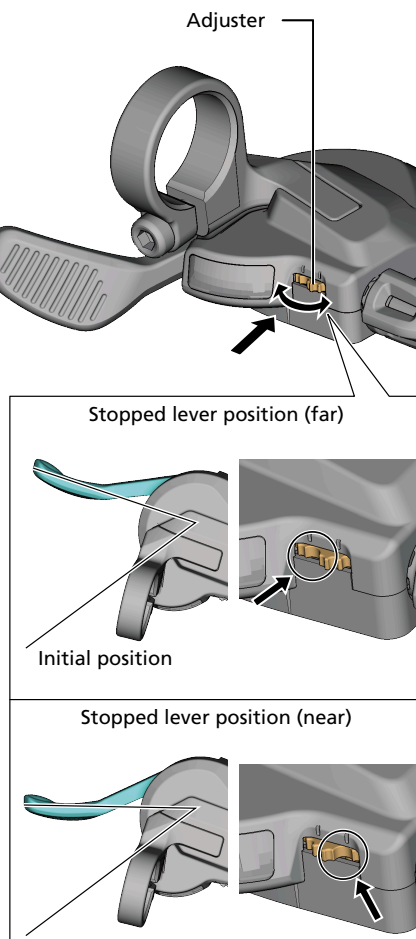
⚠ CAUTION

- Adjusting the stopped lever position must only be done after returning the lever to its initial position. If the adjuster is moved during lever operation, the lever may be damaged.

SL-U8000

1. Turn the adjuster while pushing it towards the lever body.

The stopped lever position changes based on the position of the recessed area of the adjuster.



Maintenance

Replacing the inner cable

Before starting the replacement, loosen the fixing fastener of the inner cable on the front derailleur and rear derailleur.

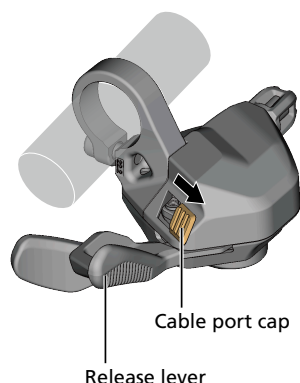
Shifter

SL-U8000 / SL-U6001 / SL-U4001 / SL-U4011

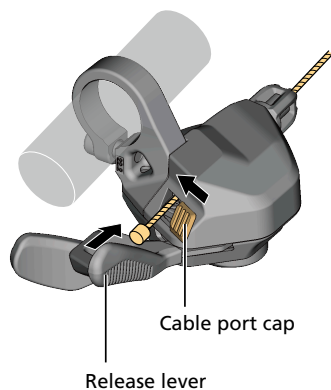
1. Set the shifter in its initial position.

Operate the release lever 10 or more times for an 11-speed, 9 or more times for a 10-speed, and 8 or more times for a 9-speed.

2. Slide open the cable port cap.



3. Replace the inner cable and slide the cable port cap closed.

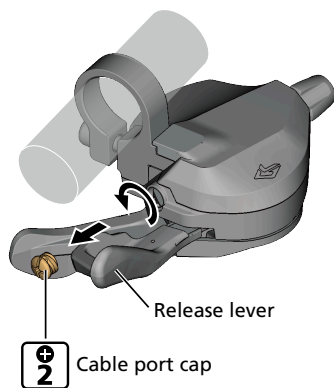


SL-U6000 / SL-U6050 / SL-U4000 / SL-U4010 / SL-U4050

1. Set the shifter in its initial position.

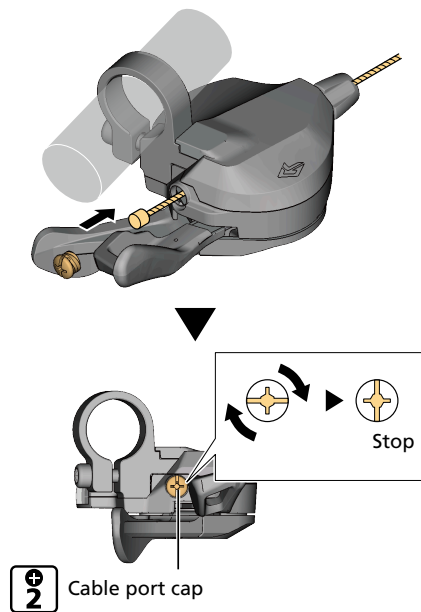
Operate the release lever 10 or more times for an 11-speed, 9 or more times for a 10-speed, and 8 or more times for a 9-speed.

2. Remove the cable port cap.



3. Replace the inner cable and install the cable port cap.

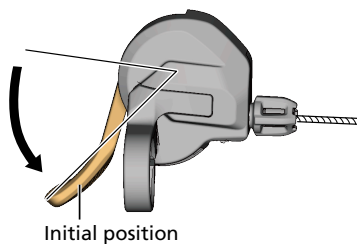
Turn and stop the cable port cap at the position shown in the figure. If you force it to turn, it may damage the screw thread on the cap.



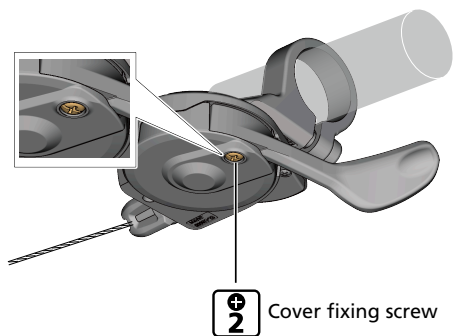
Shifter (RAPIDFIRE PLUS MONO lever)

SL-U8000-L / SL-U8000-IL

1. Set the lever in its initial position.

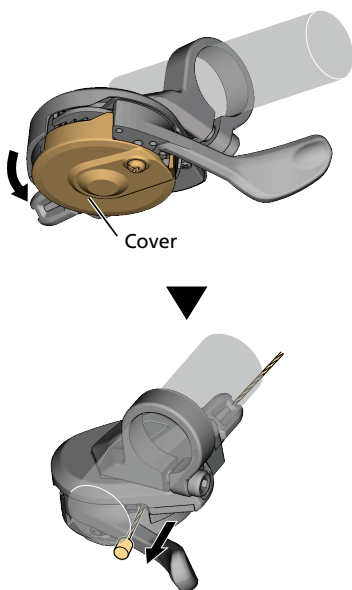


2. Loosen the cover fixing screw.



3. Move the cover and remove the inner cable.

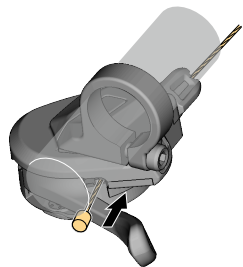
The cover does not completely come off. Remove the inner cable from the gap made by moving the cover.



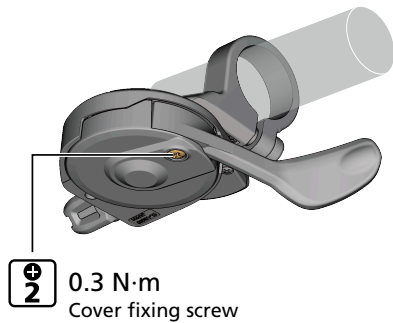
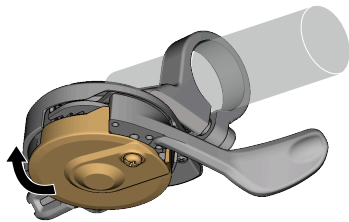
NOTICE

- Pulling on the cover forcibly may cause damage to the drop prevention tab.

4. Install the inner cable.

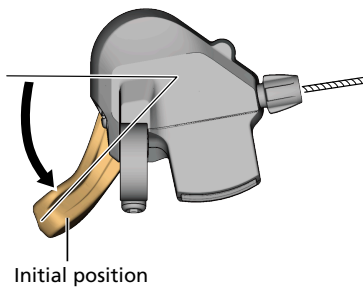


5. Install the cover in the reverse order of disassembly.

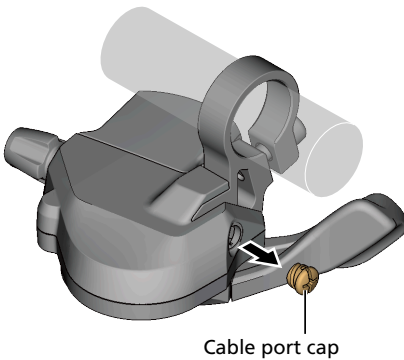


SL-U6000-L / SL-U4000-L

1. Set the lever in its initial position.

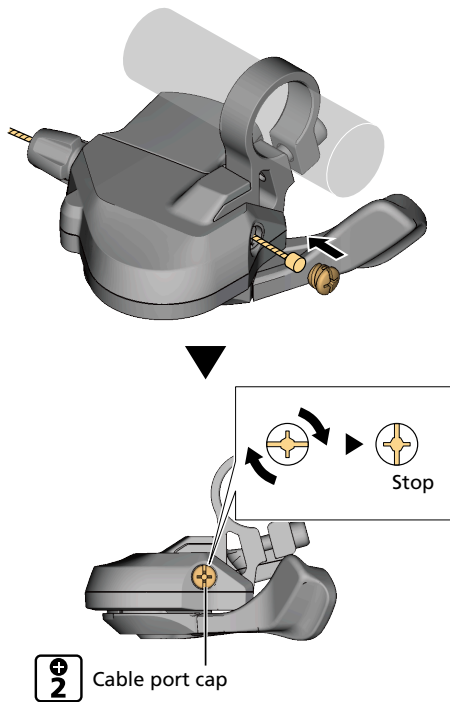


2. Remove the cable port cap.



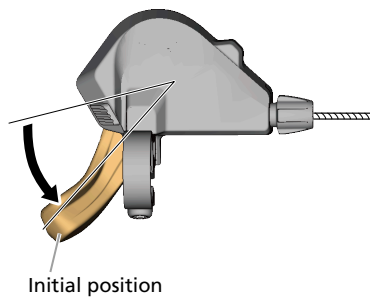
3. Replace the inner cable and install the cable port cap.

Turn and stop the cable port cap at the position shown in the figure. If you force it to turn, it may damage the screw thread on the cap.

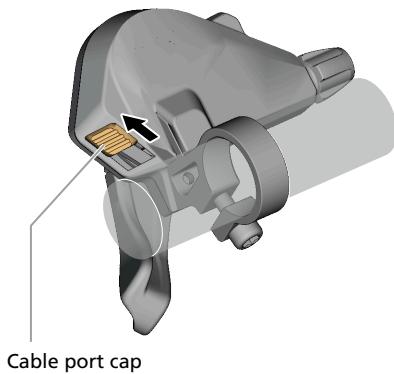


SL-U6001-L / SL-U4001-L

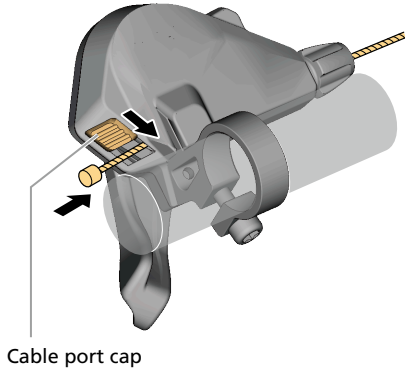
1. Set the lever in its initial position.



2. Slide open the cable port cap.



3. Replace the inner cable and slide the cable port cap closed.



Replacing the cover

The cover of the RAPIDFIRE PLUS MONO lever cannot be replaced.

⚠ CAUTION

- When removing the cover, wear gloves and gradually apply force. A sudden release of resistance on the cover may cause injury.

SL-U8000

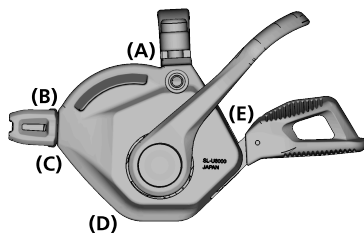
1. Remove the cover fixing screw.



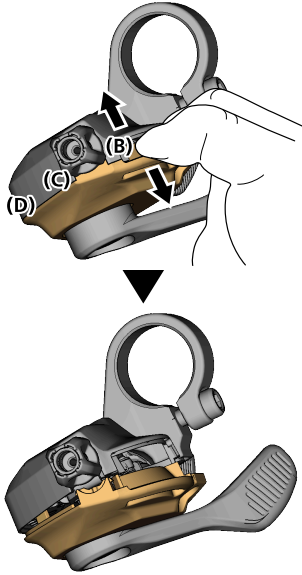
2. Remove the cover.

* When installing the cover, reverse the procedure.

- (1) Remove the snap fits on the cover in order from (A).



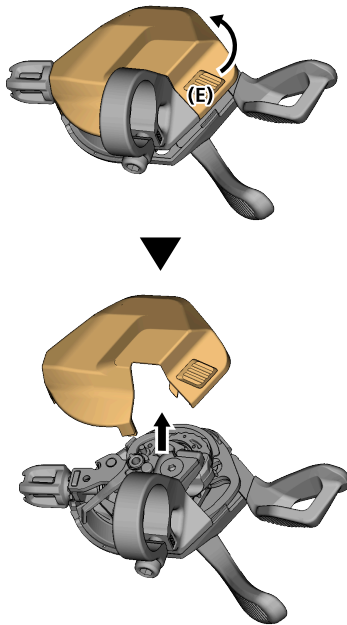
- (2) Pull the top and bottom covers apart at snap fit (B) to remove snap fit (B). Do the same for snap fits (C) and (D).



NOTICE

- Do not touch the needle of the indicator. If not observed, problems with operation may occur.

(3) Lift up the top cover, and remove the claw in (E) from the bracket.



NOTICE

- When removing the cover, do not apply excessive force. Doing so may damage the snap fit or claw.

SHIMANO

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