

RD-6770

Rear derailleur

* User's manuals in other languages are available at :
<http://techdocs.shimano.com/techdocs/index.jsp>

INTRODUCTION

Contact the place of purchase or a bicycle dealer for information on installation and adjustment of the products which are not found in the user's manual. A dealer's manual for professional and experienced bicycle mechanics is available on our website (<http://techdocs.shimano.com/techdocs/index.jsp>).

For safety, be sure to read this user's manual thoroughly before use, and follow them 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.

Important Safety Information

WARNING

- **Maintenance interval depends on the usage and riding circumstances. Clean regularly the chain with an appropriate chaincleaner. Never use alkali based or acid based solvents such as rust cleaners. If those solvent be used chain might break and cause serious injury.**
- Check that the tension of the chain is correct and that the chain is not damaged. If the tension is too weak or the chain is damaged, the chain should be replaced. If this is not done, the chain may break and cause serious injury.
- After reading the user's manual carefully, keep it in a safe place for later reference.

Note

- The components are designed to be fully waterproofed to withstand wet weather riding conditions; however, do not deliberately place them into water.

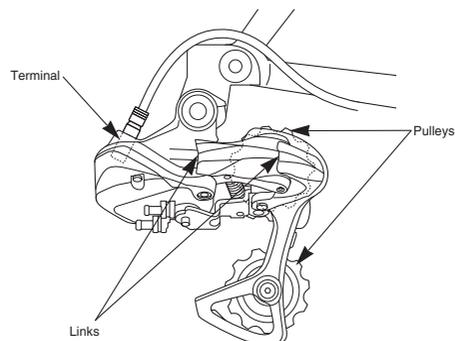
- Do not clean the bicycle in a high-pressure car wash. If water gets into any of the components, operating problems or rusting may result.
- Handle the products carefully, and avoid subjecting them to any strong shocks.
- Contact the place of purchase for updates of the product software. The most up-to-date information is available on the Shimano website.
- Do not use thinners or similar substances to clean the products. Such substances may damage the surfaces.
- If gear shifting operations cannot be carried out smoothly, clean the derailleur and lubricate all moving parts.
- If the chain keeps skipping, ask the place of purchase to replace the chainrings, sprockets and/or the chain.
- If there is a large amount of play in the pulleys which causes a lot of annoying noise, ask the place of purchase to replace the pulleys.
- You should periodically wash the sprockets in a neutral detergent and then lubricate them again. In addition, cleaning the chain with neutral detergent and lubricating it can be a effective way of extending the useful life of the sprockets and the chain.
- Be careful not to let water get into the terminal.
- Parts are not guaranteed against natural wear or deterioration resulting from normal use.
- For maximum performance we highly recommend Shimano lubricants and maintenance products.

Regular inspections before riding the bicycle

Before riding the bicycle, check the following items. If any problems are found with the following items, contact the place of purchase or a bicycle dealer.

- Is gear shifting carried out smoothly?
- Do the links have large amounts of play in them?
- Do the pulleys have large amounts of play in them?
- Are the derailleurs making any abnormal noises?
- Is the chain stretched?
- Is there any noticeable damage to the chain?

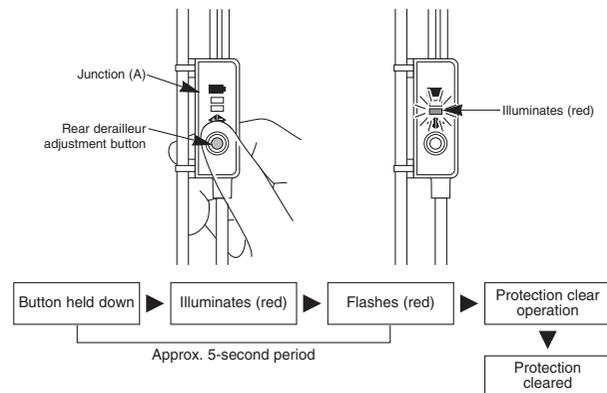
Names of parts



About the protection function

* Rotate the front chainwheel while restoring operation after the protection function has been activated.

If the bicycle receives a strong impact, the protection function operates and the connection between the motor and the link is momentarily severed so that the rear derailleur will no longer operate. This is done in order to protect the system at times such as if the bicycle falls over. If this happens, press the rear derailleur adjustment button on junction (A) of the SM-EW67-A-E for 5 seconds or more. This will restore the connection between the motor and the link and clear the protection function for the rear derailleur. If the connection is not restored, push/pull the cage sideways or move it forward and backward by hand. Operate the shifting switches to check that the connection has been restored.



When the red LED on junction (A) is illuminated, the rear derailleur cannot shift gears. Press the rear derailleur adjustment button until the red LED turns off.

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