



UM-4T70A-008-00

User's manual

Road Wheel Set



User's manuals in other languages are available at :
<http://si.shimano.com>

IMPORTANT NOTICE

- 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://si.shimano.com>).
- Do not disassemble or alter this product.

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

Important Safety Information

For replacement information, contact the place of purchase or a bicycle dealer.

WARNING

- Before use, check the wheels to make sure that there are no bent or loose spokes, dents, scratches or cracks on the rim surface. Do not use the wheel if any of these problems are found. The wheel may break, and you may fall. In the case of carbon wheels, check also that there is no carbon separation or cracking.
- If the quick release mechanism is not used correctly, the wheel may come off the bicycle and serious injury could result. Read the Service Instructions for the quick release mechanism thoroughly before use.
- If the wheels are used in harsh conditions such as on unpaved surfaces, they may become bent or damaged, which may then result in accidents.
- **Check that the wheels are fastened securely before riding the bicycle. Using the quick release lever incorrectly may cause the wheel to fall off, etc. and lead to serious injury due to a fall.**
- After reading the user's manual carefully, keep it in a safe place for later reference.

Clincher wheel/Tubeless wheel

- The hollow on the opposite side to the valve hole is an indicator for the amount of rim wear. If this hollow can no longer be seen, stop using the rim. If you continue using the rim, it may break, and the bicycle may fall over and an accident may result.

Tubular wheel

- Before riding, check that the tires are securely glued to the rims. If the tires come off while riding, you may fall and get severely injured.
- If the braking surfaces of the carbon fiber rims become extremely worn and the rims appear to have become deformed, stop riding the bicycle. If you continue to ride the bicycle in this condition, it may fall over and serious injury may occur as a result.

CAUTION

- The tires should be inflated to the pressure indicated on the tires before use.
- Note that a higher rim is more affected by side winds and makes riding unstable.
- If you will be using a puncture repair agent, consult the place of purchase or a bicycle dealer.

Note

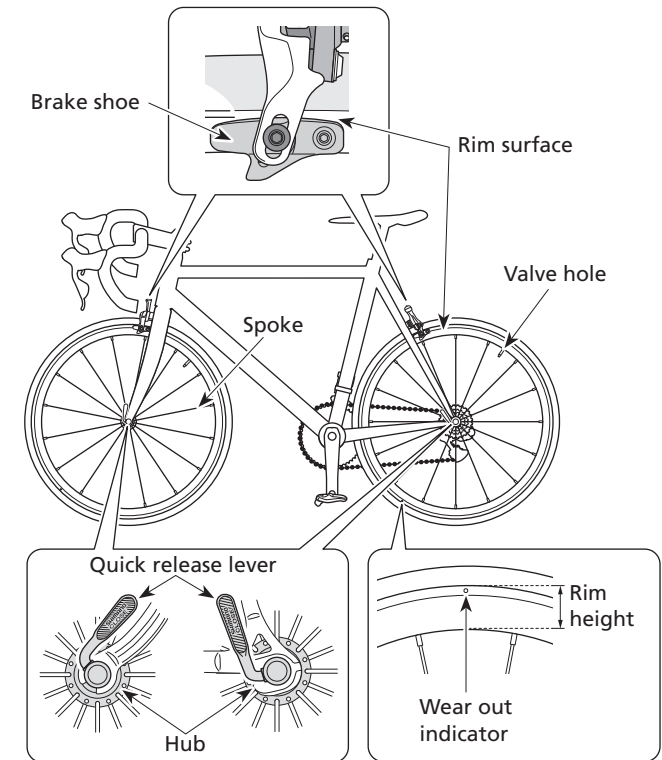
- Before use, check that there are no pieces of metal or other foreign objects sticking to the brake pads. If any such items are present, they may cause damage to the rim when the brakes are applied.
- For the use of the attached nipple wrench tool, ask the place of purchase or the distributor.
- Special nipple wrenches are available as optional accessories.
- Do not apply any oil to the inside of the hub. Otherwise, the grease will flow out.
- We recommend that you ask bicycle dealers to adjust the spoke tensions if there is any initial play in the spokes and after the first 1,000 km of riding.
- Use a neutral detergent when cleaning wheels. Other cleaners may damage the wheels. Do not clean any areas that have been instructed not to be cleaned.
- Do not forcibly scrub wheel stickers, painted parts, or printed parts. This may peel off the stickers or damage the paint or printing.
- Do not clean the hub areas with a high-pressure wash. Water may get inside the hubs, which can degrade performance.
- 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.

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.

- Are the tubular tires put on properly?
- Are there any bent or loose spokes?
- Are there any dents, scratches, or cracks on the rim surface?
- Are the wheels fixed?
- Are there any pieces of metal or other foreign objects sticking to the brake shoes?
- Do the wheels rotate smoothly?
- Is there any noise from the wheels?

Names of parts



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