



Wheel Set (for Disc Brake)

IMPORTANT NOTICE

- Contact the place of purchase or a distributor for information on installation, adjustment, and replacement 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 (<https://si.shimano.com>).

For safety, be sure to read this “user's manual” thoroughly before use, follow it for correct use, and store it so that it can be referenced at any time.

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.

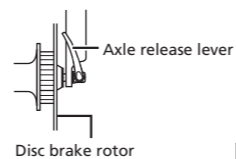
Important safety information

⚠ WARNING

- Do not disassemble or modify the product. This may cause the product to not operate correctly, and you may suddenly fall and be seriously injured.
- Check that the wheels are fastened securely before riding the bicycle. Using the axle release lever incorrectly may cause the wheel to fall off, etc. and lead to serious injury due to a fall.**
- Use the appropriate air pressure indicated on the tire and rim. If the maximum pressures indicated on the tires and rims differ, be sure not to exceed the maximum pressure with the lower value. A higher pressure than indicated can cause a sudden puncture and/or sudden release of the tire, which can result in serious injury.
WH-R9270-TL / WH-R8170-TL / WH-RS710-TL: Maximum pressure = 7.5 bar / 109 psi / 750 kPa
WH-R9170-TL / WH-RS770-TL: Maximum pressure = 8 bar / 116 psi / 800 kPa
WH-RS370-TL: Maximum pressure = 6.5 bar / 94 psi / 650 kPa
WH-RX870-TL / WH-RX570-TL: Maximum pressure = 5 bar / 72 psi / 500 kPa
- Before riding the bicycle, 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. Check also that there is no carbon separation or cracking.
- Do not use the Road Wheel Set on unpaved surfaces. The Road Wheel Set is designed for paved surfaces. If the wheels are used on unpaved surfaces, they may become bent or damaged, and accidents may result.
- Do not use the gravel/adventure wheel set in harsh conditions such as on rough roads. Do not use for downhill bicycle riding or freeriding, etc. otherwise the wheel may become bent or otherwise damaged if it is subjected to a strong impact, and accidents may occur as a result.

- Do not use with rim brakes. These wheels are designed exclusively for use with disc brakes. Using these wheels with rim brakes could damage the rims and result in an accident that can lead to a serious injury or even death.

- Confirm that the axle release lever does not interfere with the disc brake rotor even when it is fully engaged. The axle release lever may interfere with the disc brake rotor if it is on the disc brake rotor side, which is dangerous. If the axle release lever interferes with the disc brake rotor, immediately stop use and contact the place of purchase or a distributor.



- For details on the E-THRU axle, refer to the E-THRU axle user's manual.
- The tires should be installed and removed by hand. If this is difficult, a resin tire lever for tubeless wheels may be used. In such cases, be sure to check that the rim surface has not been dented, scratched, or cracked as there is a risk of causing damage to the air seal between the tire and the rim, which would result in air leakage. Also, check that there is no carbon separation or cracking, etc. Finally, make sure that there is no air leakage.

F12 (front 12 mm axle), R12 (rear 12 mm axle) wheel (thru axle)

- This wheel can only be used in combination with the special front fork/frame and the through axle. If it is used in combination with any other front fork/frame or through axle, it may cause the wheel to become detached from the bicycle during riding and result in serious bodily injury.

⚠ CAUTION

- Note that a higher rim is more easily affected by the wind and makes riding unstable.

■ Bed-in period

- Disc brakes have a bed-in period, and the braking force will gradually increase as the bed-in period progresses. Accidents or falls may occur due to losing control of the bicycle, possibly resulting in serious injury. The same thing will happen when the brake pads or disc brake rotor are replaced.

Notice

- For the use of the supplied nipple wrench tool, contact your place of purchase or a distributor for their assistance.
- Special nipple wrenches are available as optional accessories.
- Do not lubricate the internal parts of the hub. Otherwise, grease will flow out.
- It is recommended that you ask a place of purchase to adjust the spoke tensions if there is any deviation in the spokes and after the first 1,000 km of riding.
- Do not use detergent or other chemicals when wiping the wheel, otherwise, the sticker on the rim may come off.
- Be sure to also read the manual for the disc brakes.
- 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.

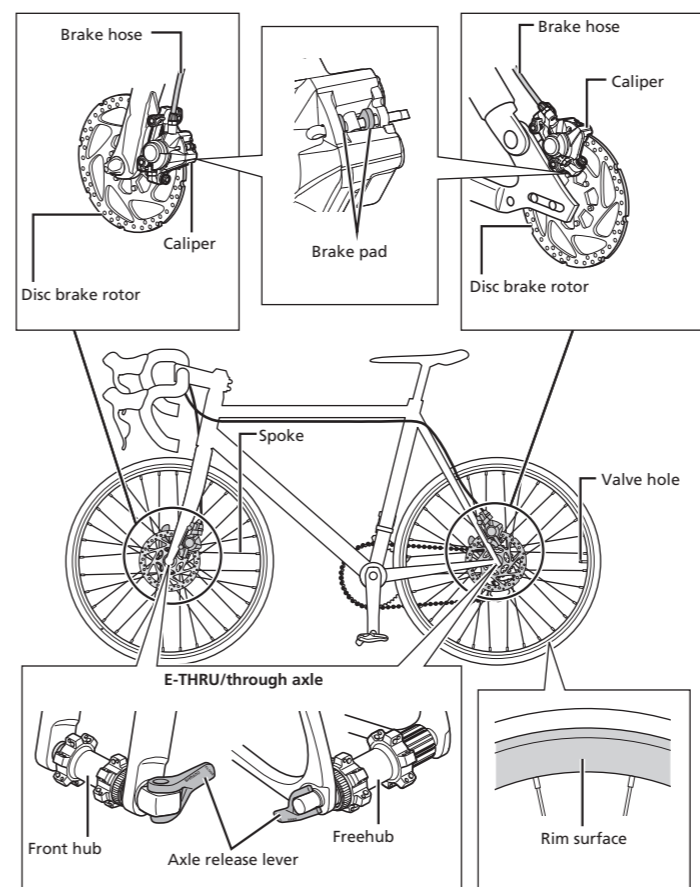
Regular inspections before riding the bicycle

Before riding the bicycle, check the following items. If any problems are found, consult your place of purchase or a distributor.

- Are the spokes broken or loose?

- Is the rim surface dented, damaged, or cracked?
- Are the wheels secure?
- Are there any signs of brake oil leakage?
- Do the pads have a thickness of 0.5 mm or more?
- Is the disc brake rotor cracked or deformed?
- Is it hard to rotate the wheels?
- Is abnormal noise emitted from the wheels?

Names of parts



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