

Rear Freehub (for Disc Brake)



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

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>).

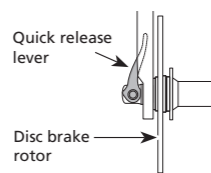
For safety, be sure to read this user's manual thoroughly before use, follow it for correct use, and store it so that it can be referenced at any time.

Important Safety Information

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

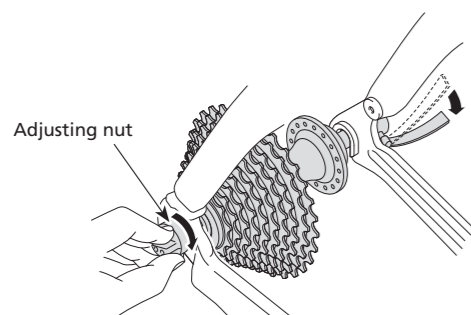
WARNING

- 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. If the quick release lever is not used correctly, the wheel may come off the bicycle and result in serious injury due to a fall or collision.
- Make sure that, even if the quick release lever is tightened as much as possible, the quick release lever does not interfere with the disc brake rotor. If the quick release lever is on the same side as the disc brake rotor, there is the danger that it may interfere with the disc brake rotor. If the quick release lever interferes with the disc brake rotor, immediately stop use and contact the place of purchase or a distributor.

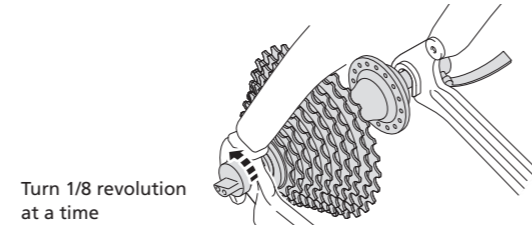


NOTICE

- This product is not warranted against damage resulting from improper use, such as jumping while riding or if the bicycle falls over, except if such malfunctions are caused by manufacturing methods.
- 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.
- Use only the lubricants specified by SHIMANO in the dealer's manual.
- Do not apply any oil to the inside of the hub, otherwise the grease will come out.
- If the wheel becomes stiff and difficult to turn, lubricate it with grease.
- If the quick release lever can be easily pushed to the CLOSE position, this means the clamping strength is insufficient. Return the quick release lever to the position perpendicular to the bicycle frame and again turn the adjusting nut clockwise to increase the clamping strength. Push the quick release lever back to the CLOSE position.



- If the clamping strength is adjusted too strong and the quick release lever cannot be pushed to the CLOSE position, turn the adjusting nut in a counter-clockwise direction to reduce the clamping strength. When doing this, do not fully release the adjuster nut. Turn it 1/8 of a revolution, and then try to push the lever to CLOSE, to set the maximum clamping strength with which you can push the quick release lever to the CLOSE position.

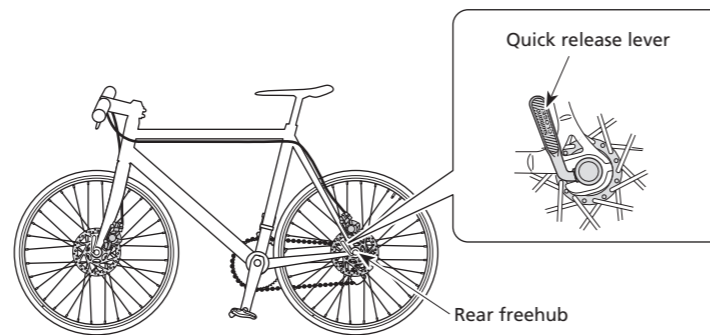


Regular inspections before riding the bicycle

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 wheels fixed?
- Do the wheels rotate smoothly?
- Are there any abnormal noises?

Names of parts

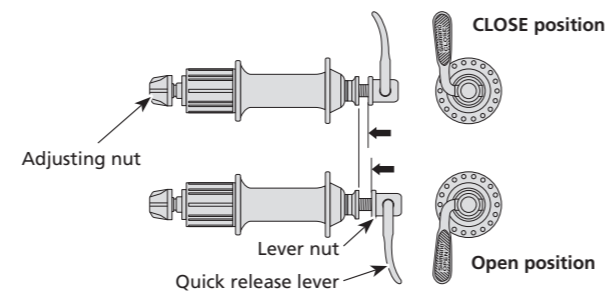


What is a Quick Release?

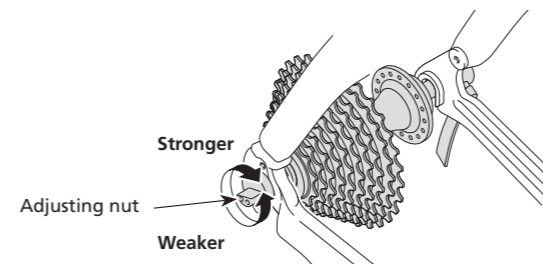
It is a mechanism that uses a single quick release lever operation on the hub to enable the wheel to be easily installed and removed.

Quick Release function

When the quick release lever is brought to the closed position, the lever nut moves inward. The force of this clamps the wheel to the frame and holds the wheel securely in place.



Adjust the clamping strength by turning the adjusting nut. Turning the nut clockwise increases the clamping strength, and turning the nut counterclockwise decreases the clamping strength.



Suitable dimensions of the rear end

Be sure to use only rear end widths with suitable dimensions.

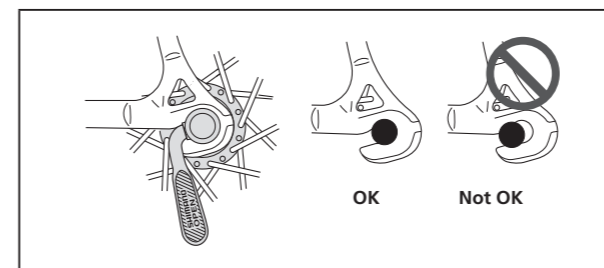
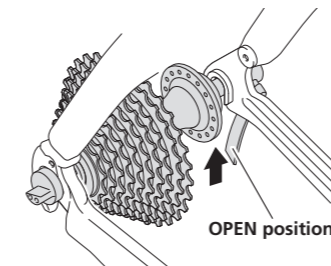


Cannot use fork thicknesses less than 6 mm.

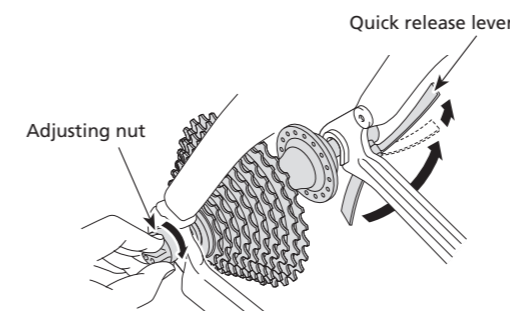
Operation

How to fasten this quick release hub

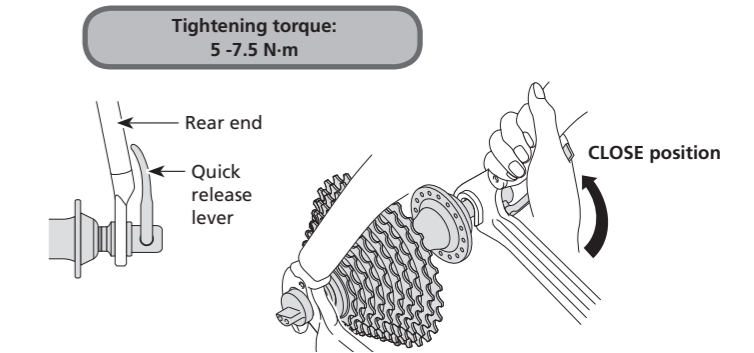
1. Move the quick release lever to the OPEN position and set the wheel so it firmly touches the interior of the rear end (See sketch below).



2. Open and close the quick release lever with one hand while gradually tightening the adjusting nut clockwise with the other hand. When closing the lever, continue to tighten the nut until you feel resistance with your hand that is closing the lever while raising the lever until it reaches a position that is parallel to the hub axle (at the position indicated with dashed lines in the figure below).

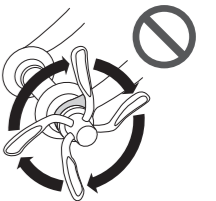


3. Grip the rear end with your fingers and use the palm of your hand to close the quick release lever with as much strength as possible. When closed, the quick release lever must be in the "CLOSE" position shown below in the diagram on the right. The side of the lever with the inscription "CLOSE" must be facing away from the bicycle, and the lever should be parallel to the rear end as shown below in the diagram on the left.



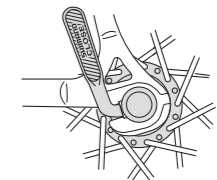
CAUTION

- Do not attempt to secure the wheel to the frame by rotating the quick release lever as shown in the figure. The wheel will not be secured to the frame and may come off the bicycle, resulting in serious injury.



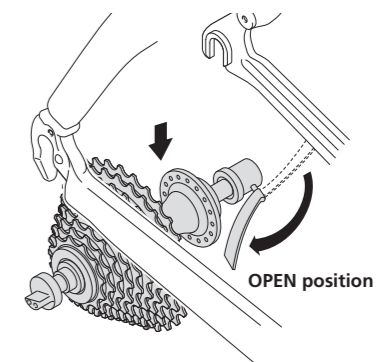
Positioning of the quick release lever

For safety, the quick release lever should be along the bicycle frame when in the CLOSE position.



Removing the wheel

Move the quick release lever from the CLOSE position to the OPEN position. And then remove the wheel.



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