

Removal and Installation Instructions for a Wheel with Quick-Release with Washers

These instructions explain how to remove and install the front wheel secured by a quick-release system that is designed for use with certain recalled SR Suntour suspension forks. No tools or supplies are needed.


These instructions include illustrations. To simplify the illustrations for clarity, the rim, spokes, and tire of the wheel and also the brake parts have been omitted. You can also see these instructions in two short videos at <http://goo.gl/gck4Ch> and <http://goo.gl/78qXgm>.

About the quick release

This quick release device is designed to help prevent the potential for the dropouts on the fork to crack or break. Please see all Recall materials on the Trek website at http://www.trekbikes.com/us/en/support/safety_and_recalls/

Due to the skewer length, this quick release might not be compatible with other forks. It is only designed for use with your fork, and should be used without changing, removing, or substituting any parts.

Please also read the information about wheel attachment and quick-release devices in your Trek Bicycle Owner's Manual.

 **WARNING: A quick-release or other wheel attachment device that is not correctly adjusted and closed can cause the wheel to be loose or come off, decrease your control, and cause you to fall. Make sure the wheels are correctly attached before you ride your bicycle.**

To remove the wheel

1. Move the quick-release lever to the OPEN position.

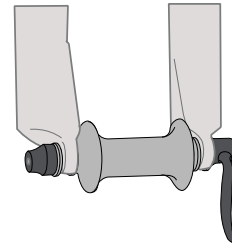


Figure 1. OPEN position

2. Loosen the adjusting nut about six full turns.

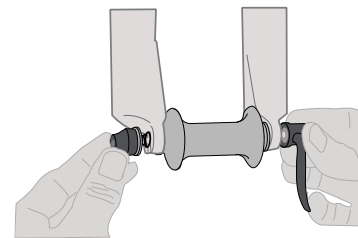


Figure 2. Loosen nut

3. Pull the dropout washers outward on the skewer, fully compressing the springs.
To make grasping a washer easier, first compress the spring by pulling the quick-release from the other side. When the spring is compressed, grasp both the washer and the end piece (either the nut or the lever-end) and hold them together. Repeat for the second side until you have both washers pulled out.

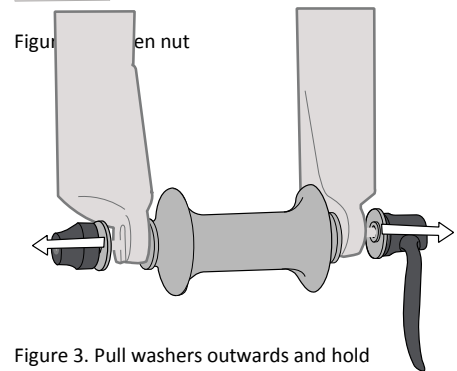


Figure 3. Pull washers outwards and hold

4. While you hold the washers away from the hub, slide the wheel out of the fork.

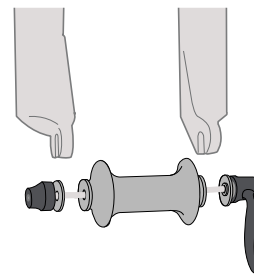


Figure 4. Remove wheel

To install the wheel

1. Move the lever of the quick-release to the OPEN position (Figure 5).

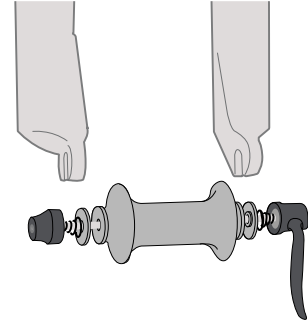


Figure 5. Open quick-release lever

2. Grasp the dropout washers on either side of the hub and pull outward, compressing the springs (Figure 6).

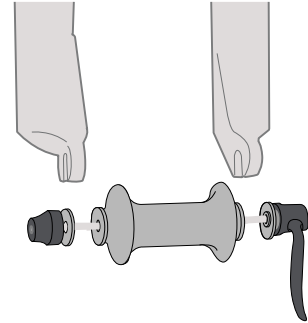


Figure 6. Pull out dropout washers

3. Guide the hub into the dropouts of the fork and carefully guide the disc rotor between the disc brake pads. Set the wheel so it fully touches the inner surfaces of the fork ends (Figure 7).

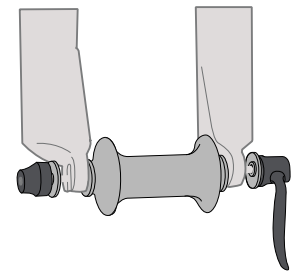


Figure 7. Place hub in dropouts

4. Release the dropout washers (Figure 8). Check to make sure the washers are centered in the dropouts and that the raised portion of each washer is nestled inside the dropout opening (the 'U').

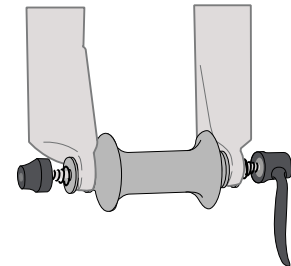


Figure 8. Ensure washers placed correctly.

5. Follow the normal procedure to adjust and close the quick-release (Figure 9):
With the lever in the adjustment position, tighten the adjustment-nut until it is slightly tight.
When you move the lever to the adjustment position, you should feel some resistance.

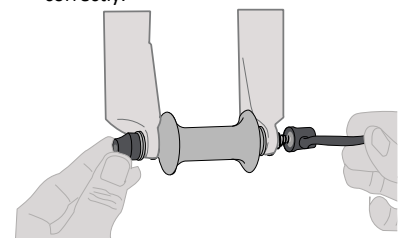


Figure 9. Adjustment position

6. Lock the quick-release; with the lever in the palm of your hand, move the lever as shown in Figure 10 to the CLOSE position.

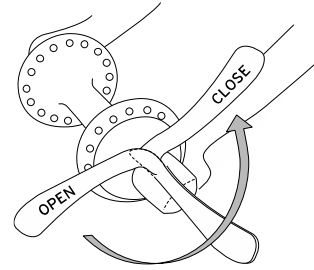


Figure 10. Lever movement

- Do not turn the lever like a wing-nut to tighten it (Figure 11); this will not make sufficient force to hold the wheel.

If you can close the lever with little or no resistance, the clamp-force is not sufficient. Go back to Step 5 and slightly tighten the adjustment-nut.

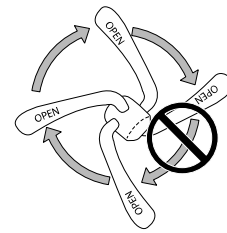


Figure 11. Do not turn like wing-nut

7. Align the levers so they do not touch the fork or an accessory part (such as rack or fender), and so obstacles in the path of the bicycle cannot catch the levers.
8. Do these tests to make sure you have correctly adjusted and locked the quick-release. If the quick-release does not pass a test, adjust the quick-release again or take your bicycle to your dealer for service. Do the tests again before you ride.
 - Make sure the resistance is correct as you move the lever to the CLOSE position.
 - Make sure the locked quick-release lever cannot be turned (Figure 12).

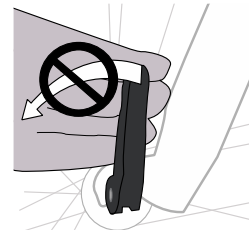


Figure 12. Correctly closed lever will not rotate

- Lift your bicycle and hit the top of the tire with a solid blow (Figure 13). The wheel should not come off, be loose, or move from side to side.
- When the quick-release is correctly locked, the clamp-force is sufficient to cause metal-into-metal engagement (embossing) of the outer surfaces of the dropout washers.



Figure 13. Test for secure attachment