

Tips and Techniques



3 Remove Rear Wheel / Repair Flat Tire

In the event of a flat rear tire, follow the steps below to remove the rear wheel to replace the inner tube. To perform this, you will need a screwdriver, a 14mm or adjustable wrench and tire changing tools.

Step 1: Put shifter into 4th gear and turn bike over to rest on seat and handlebars.

Step 2: Release the brake arms by squeezing brake towards the center and pulling brake cable from swing arm (Figure 1).

Step 3: Remove the dust cover from the rear gearbox by remove the two screws and sliding dust cover backwards off of bike (Figure 2).

Step 4: Loosen axle nuts until rear wheel is free from frame and slide wheel backwards off of bike. *Note how washers are located on axle.*

Step 5: Release shifter cable from wheel by pulling on shifter cable to release cable from black arm of cassette joint pulley (Figure 3) and sliding pinchnut at end of cable out of slot (Figure 4). *Take note of how cable is routed on cassette joint pulley.*

Step 6: Remove tire and tube from rim and patch or replace as needed. Put new/repaired tube and tire back on wheel.

Step 7: Reconnect shifter cable to wheel by inserting the pinchnut into the slot on the cassette joint pulley (Figure 4) and pulling on cable to re-insert cable housing into black arm of cassette joint pulley (Figure 3). *Make sure cable is routed properly around cassette joint pulley (to the inside of both colored dots).*

Step 8: Slide wheel onto bike frame such that large grey washer on RIGHT side (shaft drive side) is seated into inset on rear gearbox and all washers are as they were when wheel was removed. Tighten RIGHT side axle nut all the way first before tightening left side axle nut. Note that wheel will self-align; do not force wheel into position.

Step 9: Check alignment of colored dots with bike in 4th gear. (See separate instructions).

Step 10: Replace black dust cover and secure with screws.

Step 11: Re-tighten all nuts and bolts and be sure to re-connect brake arms (Figure 1) before riding.

Figure 1. Release brake arms

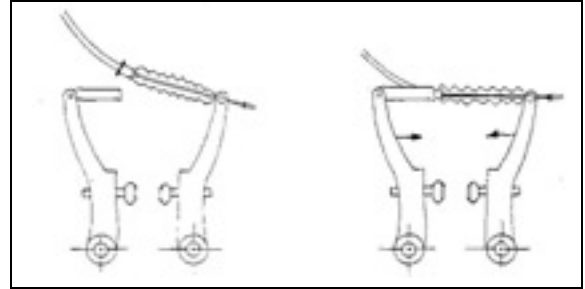


Figure 2. Remove Dust Cover



Figure 3. Release/Reconnect Shifter Cable



Figure 4. Disconnect/Reconnect Pinchnut

