

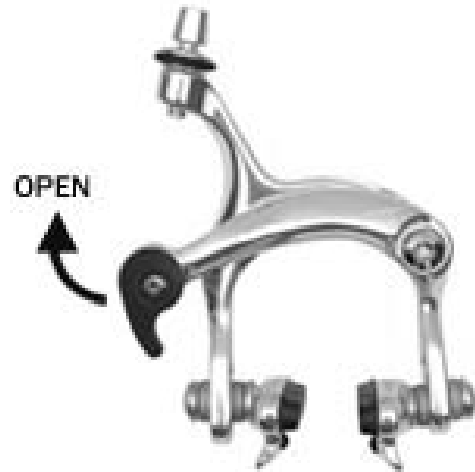
TECHNICAL TIPS

REMOVAL AND INSTALLATION OF REAR WHEEL ON SYNERGY

Overview: For changing the rear tire, you will need a 15mm wrench or adjustable wrench, and a 4mm Allen tool/wrench.

A: Remove the rear wheel

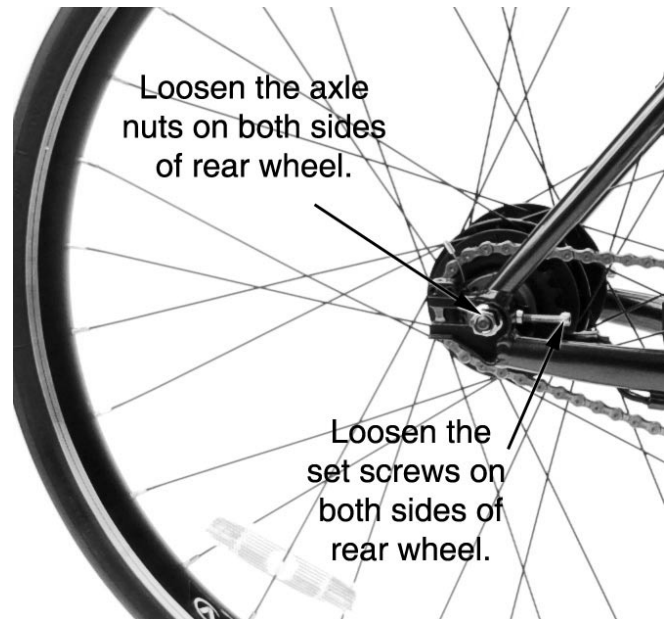
1. First detach the brakes. This is done by moving the lever on the brake caliper upwards to the OPEN position.



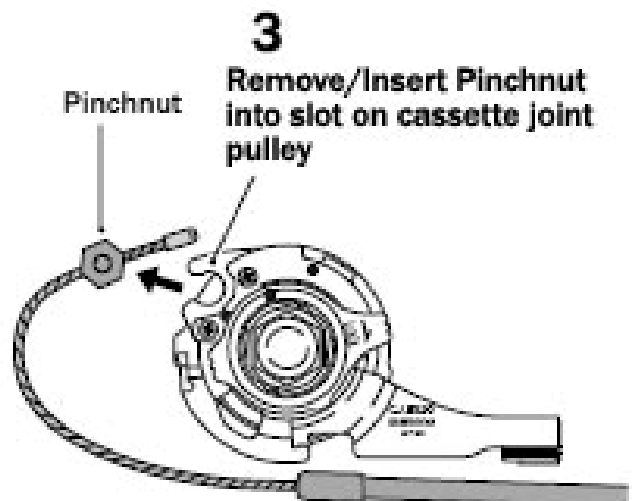
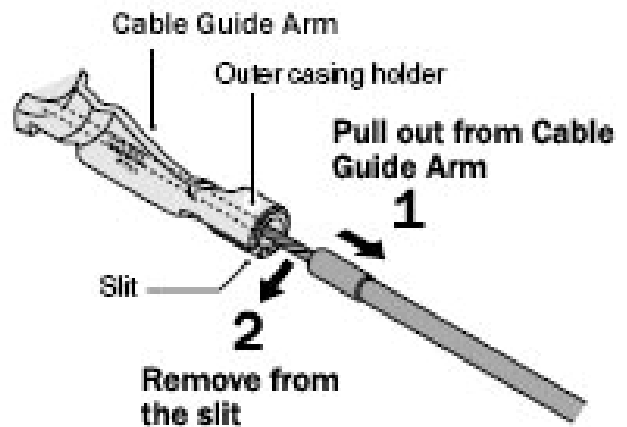
2. Pull forward on the shifter cable where it attaches to the first cable guide to release tension on the shifter cable.



3. Loosen the axle nuts found on both sides of the rear wheel using an adjustable wrench or 15mm wrench. Then, loosen the set screws on both sides of the rear wheel using your fingers or 4mm Allen wrench.



4. Remove the shifter cable from the Cassette Joint Pulley by pulling the cable housing out of the black cable guide arm of the Cassette Joint Pulley and slide exposed part of cable out through slit. Next, slide the pinch nut (nut at end of shifter cable) out of the slot on the cassette joint pulley. You may have to wiggle the pinch nut in order for it to release.



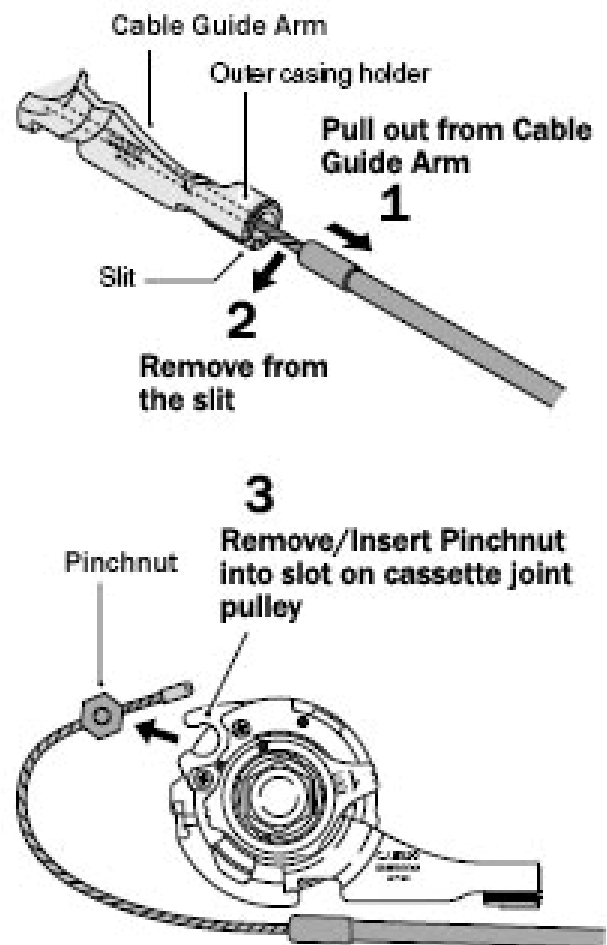
- Slide the wheel forward to remove chain. Lift chain off front sprocket first, and rest on crank axle. Next, lift chain off rear cog and hang around rear dropout of the frame.



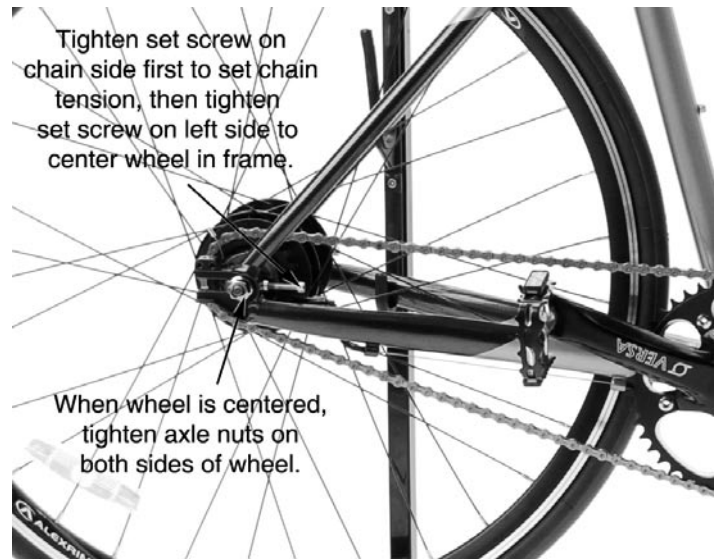
- Slide wheel backwards off bike.

Install the rear wheel

- With wheel positioned slightly onto dropouts (but not entirely on)...First, slide the pinchnut back into the slot on the Cassette Joint Pulley (be sure that the Black side of the pinchnut is facing away from the hub). The cable should wrap around the Cassette Joint Pulley in a counter clockwise direction. Pull the cable (there will be tension on it) away from the cassette joint pulley and place the feral cap at end of cable housing back into the black arm extending from the Cassette Joint Pulley (reverse of how this cable was detached).



2. Slide the rear wheel back onto the drop outs and push wheel all the way forward.
3. Tighten Set Screw (Allen bolt) on 'drive side' (chain side) of wheel first to tension chain. Then tighten Set Screw (Allen bolt) on left side of wheel to straighten wheel in frame. Then, Tighten axle nuts on both sides of the rear wheel.



4. Re-insert shifter cable housing into front cable guide on frame.



5. Push the lever on the brake caliper downwards to the CLOSED position.

