

Dashing Bicycles New Bike Build Workflow

Preparation

- Remove only packaging that is preventing proper assembly and adjustment the bike.
Leave the rest on to prevent damage until the bike is complete.
- Saddle clamp tightened
- Inside of seattube greased
- Seatpost inserted and seatpost clamp tightened. Bike clamped in repair stand via the seatpost.
- Inside of steertube greased (threaded headset only)
- Quill stem inserted past minimum insertion line (threaded headset only)
- Stem bolts and handlebar clamp tightened

Step 1 : Wheels

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- Axle checked for damage
 - Cones adjusted until smooth. Very slight play left in QR axle. (Test for proper adjustment by setting aside QR springs and clamping into truing stand or on one side of fork. Check for play or tightness. Readjust as necessary.)
 - All spoke-to-rim interfaces lubricated
 - Rim trued laterally and radially
 - Wheel dished
 - Disc rotor trued
 - Disc rotor bolts tightened
 - Freewheel / cassette tightened firmly onto hub
 - Quick release cam oiled
 - Tire inflated to recommended pressure & evenly seated on rim
 - Wheel sits centered in frame

Step 3 : Drivetrain

- Drive side bottom bracket cup is tight against BB shell
- Bottom bracket adjusted for smooth operation with minimal play
- Pedal threads lightly greased
- Pedals installed and tightened
- Crank bolts tightened
- Chainring bolts tightened
- Chainrings checked for bends / damage / eccentricity

Step 4 : Headset

- Fork and headset inspected for damage
- Headset adjusted for smooth operation with minimal play

Step 5 : Brakes

- Brakes installed and mounting bolts tightened
- Brake lever clamp bolts tightened
- Brake arms checked for play or tightness. Adjusted accordingly
- Brake pads centered on rim with even gap on both sides
- Cable tension adjusted
- Brake lever squeezed hard several times
- Cable tension readjusted
- Cable tips crimped onto cable ends

Step 6 : Shifting

- Derailleur mounting bolts tightened
- Shifter clamp bolts tightened
- Rear derailleur hanger aligned
- Rear derailleur limits set
- Rear derailleur B screw adjusted
- Rear derailleur cable tension adjusted for accurate shifting
- Front derailleur cage height set 1-3 mm above large chainring
- Front derailleur cage set parallel to large chainring
- Front derailleur limits set
- Front derailleur cable tension adjusted for accurate shifting:

Step 7 : Accessories

- Reflectors installed
- All rack, basket, fender, kickstand, and bottle cage bolts tightened

Step 8 : Test Ride

- Stem aligned with front wheel
- Brakes checked for stopping power and squeal
- Bicycle checked for tracking problems
- Derailleurs checked for crisp shifting
- Wheels maintain true after test ride
- Saddle set to comfortable angle and reasonable height

Final

- Remaining packaging removed
- Bike registered with NOPD