

# Mechanical Checklist

## Frame

Inspect for excessive wear or damage (please note any major blemishes)

Welds- inspect for cracks

Carbon fiber- inspect for cracks

## Drivetrain

Disassemble, clean, inspect cranks for excessive wear or damage

New Chain rings installed (if needed)

New Cassette installed (if needed)

New Chain installed (if needed)

Chain-lube

Chain length-check

Final adjustments- make as necessary

Drivetrain-test

## Bottom Bracket

New bottom bracket or new bearing- install (if needed)

Final adjustments- make as necessary

Bottom Bracket-test

## Headset

Inspect for excessive wear or damage

Bearing-replace and pack with grease (if needed)

Handlebars tighten (bolts-lube and torque)

Final adjustments-make as necessary

Headset system-test

## Shift Levers

Inspect for excessive wear or damage

All pivot points-lube

Shift levers-test

## Front Derailleur

Inspect for excessive wear or damage

All pivot points-lube

New cable (highly recommended)

Cables- pre-stretch

Final adjustments-make as necessary

Shifting system-test

## Rear Derailleur

Disassemble, clean, inspect for excessive wear or damage

All pivot points-lube

Pulleys-inspect for wear and lube

New cable (highly recommended)

New cable housing (highly recommended)

Cables (pre-stretch)

Final adjustments- make as necessary

Shifting system-test

## Wheels

Rims-Clean and inspect for cracks, excessive wear or damage

- Nipples-inspect for wear
- Spoke tension-test
- Trued
- Dished
- Hubs-bearings-replace and pack with grease (recommended)
- Quick release levers- inspect and lube
- Final adjustments- make as necessary
- Wheel system-test

#### Brake System

- Clean and inspect for excessive wear or damage
- New brake pads (recommended)
- New cables (highly recommended)
- New cable housing (highly recommended)
- Pivot joints-lube
- Final adjustments- make as necessary
- Brake system-test

#### Pedals

- Clean and inspect for excessive wear or damage
- Pivot joints-lube
- Check cleats for excessive wear
- Pedal system-test

#### Computer

- Bracket and wiring inspect for loose, exposed or frayed wires
- Replace battery (recommended)
- Computer system-test

#### Saddle

- Saddle height-mark before removing
- Seat post-lube
- Binder bolt-lube
- Sear bolt-lube
- Final adjustments- make as necessary
- Saddle-test

Following manufacturer specs please use a torque wrench on the following:

- Crank Bolts
- Chain ring Bolts
- Pedals
- Seat post bolts
- Stem and handlebar bolts
- Brake Fixing Bolts
- Derailleur fixing bolts