

SERVICE INSPECTION ONE PAGER

A great repair check in is thorough and repeatable – at Ernie’s we use the 3-star order of operations for all of our service inspections. Think of this guide as a jumping off point - as you gain experience, you’ll find tells and intricacies for different styles and vintages of bikes **but the order will always stay the same.**

- **Crank/BB**
 - Feel bottom bracket bearings for smoothness and play
 - Inspect chainrings for wear
 - Note condition of pedals
- **Headset/stem**
 - Feel headset bearings for smoothness/play
 - Check quill stems are below minimum insertion line
 - Check for adjustable stem (potential upgrade if comfort is brought up in qualifying)
- **Ancillary items**
 - Computer batteriees
 - Check condition of touchpoints (seat, grips, pedals)
 - Check kickstand (is it present, loose, flimsy?)
 - Suspension seatpost (check for play, potential upgrade)
- **Wheels/tires**
 - Check hub bearings for smoothness and play
 - Inspect wheels for true, rim beds for spokes pulling through
 - Check tire tread for wear and appropriateness for how bike will be ridden
 - If tubes are flat, inflate to see if they are holding air
- **Brakes**
 - Inspect pads
 - Pull housing from stops and check condition of cables
 - Confirm calipers are functioning properly
- **Gears**
 - Check chain for stretch
 - Pull housing from stops and check condition of cables
 - Inspect rear derailleur hanger
- **Ernie’s brand eBikes**
 - Confirm system powers on
 - Confirm buttons are all functional