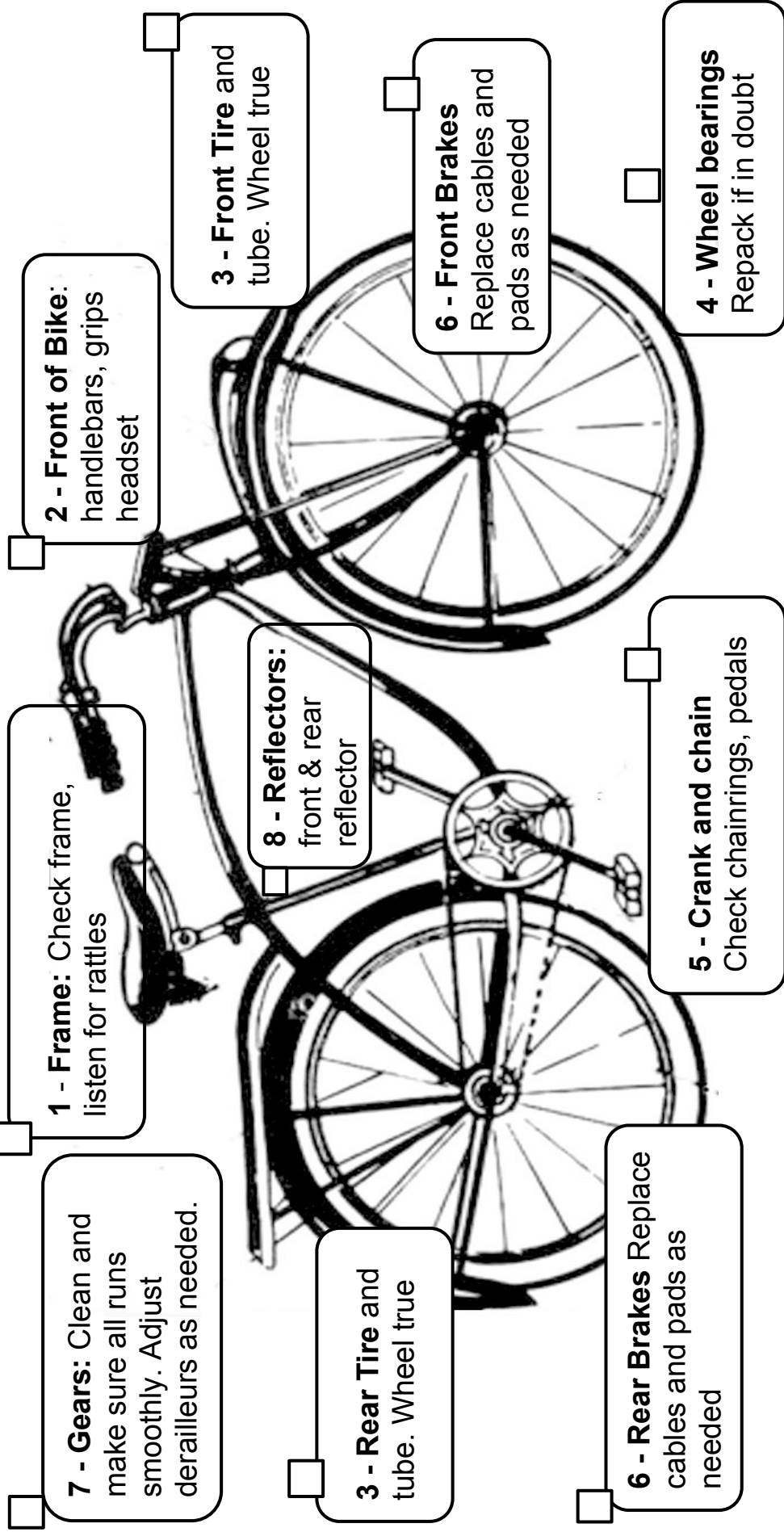


# POINTS THAT REQUIRE REGULAR ATTENTION TO KEEP A BICYCLE IN SAFE RIDING CONDITION



**7 - Gears:** Clean and make sure all runs smoothly. Adjust derailleurs as needed.

**1 - Frame:** Check frame, listen for rattles

**2 - Front of Bike:** handlebars, grips headset

**3 - Front Tire and tube.** Wheel true

**3 - Rear Tire and tube.** Wheel true

**6 - Rear Brakes** Replace cables and pads as needed

**6 - Front Brakes** Replace cables and pads as needed

**5 - Crank and chain** Check chainrings, pedals

**4 - Wheel bearings** Repack if in doubt

**8 - Reflectors:** front & rear reflector

# Bike Walk Wichita - ReCycle

## Bike Repair Checklist

Date: \_\_\_\_\_ Volunteer(s): \_\_\_\_\_ Description of Bike \_\_\_\_\_ All Completed

**If you have any questions about procedures or tools, ask the Shop Leader**

### Preliminary

- Air tires

### Skeleton of Bike

- Check that frame and fork have no cracks, significant rusting or dents, especially at welds
- Check that seatpost moves. Tighten it securely and below the minimum insertion
- Check that saddle is useable and straight

### Bottom Bracket (Do this next because a seized bottom bracket can cause you lots of trouble!)

- Bottom bracket spindle spins smoothly and has no play; if needs adjustment, grease bearings
- Check that both crankarms are not cracked or bent, chainrings are intact (not bent or warped, and no shark tooth or teeth missing), and nut/bolt securing crankarms to the spindle are tight
- Pedals spin smoothly and are intact

### Rear of Bike

- Remove rear wheel from bike, double check that rear triangle and dropouts are not bent
- Make sure hub is not loose and axle spins smoothly; if adjustment needed, also grease bearings
- Check true of wheel and true if necessary
- Check tire for significant wear (cracking, rips, etc...)
- Check Tire Pressure and make sure tube is not leaking
- Check Braking Surface of wheel for excessive wear, dents, and circumferential cracks
- Drip some oil on ratcheting mechanism on freewheel or cassette
- Check if rear brake is working and centered, cable is not frayed, housing is intact, pads are not excessively worn or age hardened
- Check that has kickstand, tighten and grease; check that has rear reflector

### Drivetrain

- Chain is worn less than 0.75 on chain wear gauge
- Lube chain with chain lube, (not WD40 or other spray)
- If bike is a single speed, chain should have about 1/2" of up and down play
- Check freewheel/cassette for wear (no shark tooth or teeth missing) and not bent
- Check rear derailleur jockey wheels spin freely and are not worn
- Check if rear derailleur works in all gears, cable is not frayed and housing is intact, set limit screws
- Check if front derailleur works in all gears, cable is not frayed and housing is intact, set limit screws

### Front of Bike

- Remove from wheel from bike, double check that fork isn't bent
- Hub is not loose and spins smoothly; if it needs to be adjusted, also make sure that bearings are greased
- Check true of wheel and true if necessary
- Check tire for significant wear (cracking, rips, etc...)
- Check Tire Pressure and make sure tube is not leaking
- Check Braking Surface of wheel for excessive wear, dents, and circumferential cracks
- Check if front brake is working and centered, cable is not frayed, housing is intact, pads are not excessively worn or age hardened
- Headset is not loose and spins smoothly; if it needs adjustment also grease bearings
- Check that stem isn't above the minimum insertion and that handlebar is straight
- Check that handgrips are useable

### Almost Done!

- Make sure the front and rear reflectors are mounted and directed properly, add if needed
- Check that all bolts and nuts on the bike are tightened, all cables capped
- Clean frame and all parts, steel wool rust areas

### Final Check

- Do check ride, shifting through all gears and testing brakes
- Ask Shop Lead to check and put on BWW sticker