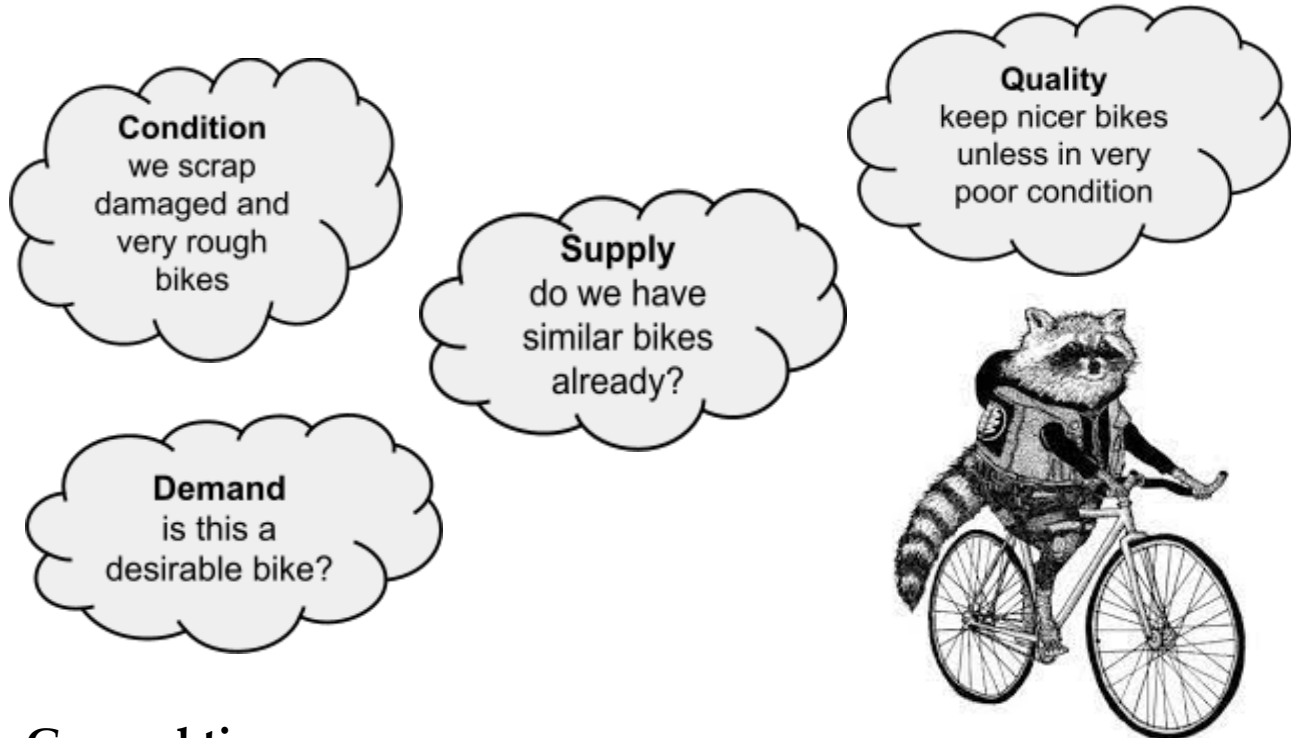


Bike Stripping: *General Procedures & Guide*

We choose which bikes to strip by considering:



General tips:

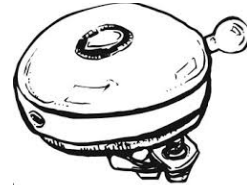
- ★ Scrap damaged, rough, or incomplete parts (unless high quality or rare)
- ★ Only keep what's needed; scrap if we already have lots of the same part
- ★ Clean dirty parts we want to keep before putting them away
- ★ Stuck parts (e.g. seatposts) **can** often be fixed; **scrap only as a last resort**
- ★ Ask staff or other volunteers if you are unclear how to proceed
- ★ Leave small unwanted parts on the bike (e.g. bottom bracket)

Order of Operations

Working in the following order usually makes stripping a bike easiest.

Accessories

- ★ remove bottle cages, racks, bells, brackets, etc.



Cables & Housing

- ★ scrap by default; only keep if in *exceptionally* good condition (like new)

Chain

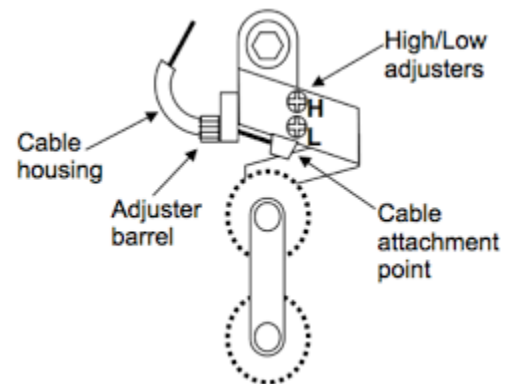
- ★ scrap by default; keep if the chain is not worn (check with chain checker)
- ★ remove scrap chains with bolt cutters; remove good chains with quick link or chain tool (careful, this is a delicate tool)

Wheels

- ★ see below for wheel info.

Derailleurs

- ★ keep all anchor bolts and pinch bolts together
- ★ scrap if they are bent or have excess play



Brakes

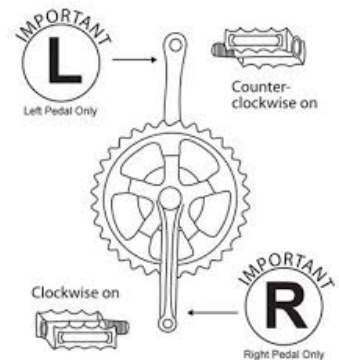
- ★ keep all caliper parts together (use zip ties, used tube bands, or bags)

Handlebars & Stem

- ★ remove everything from the handlebars

Pedals

- ★ use a pedal wrench (not the cone wrenches!)
- ★ the left pedal loosens to the right
- ★ only keep if they are in good shape and the bearings are smooth



Crankset

- ★ remove unless it is completely stuck or unneeded (more common with one-piece cranks)
- ★ remove the crank bolt/nut on square tapers before using the crank puller (it is easily damaged when misused)
- ★ scrap if crank threads and tapers are worn out

Bottom Bracket

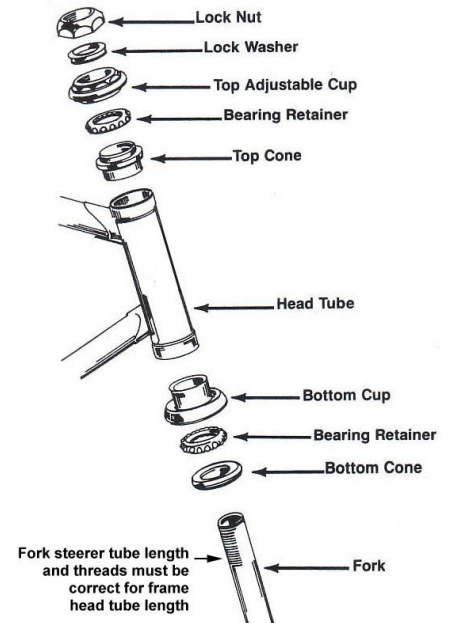
- ★ make sure to use the right tool - ask if you are unsure
- ★ scrap (or leave in frame) bottom brackets if they have play or are rough

Headset & Fork

- ★ keep forks in good condition (i.e. not bent)
- ★ remove all headset parts and keep together

Frame

- ★ remove seat post & saddle (scrap torn saddles)
- ★ scrap the frame unless otherwise noted
- ★ remove the headbadge (front decal) to add to our collection!



When you are all **finished**, sort stripped parts into the right spot:

- ★ Frames, forks, and rims go in the big scrap box
- ★ Smaller parts go in the small recycling bins

Checking Wheels

Assessing wheels can be complicated. See the *Wheel Triage Guide* for a detailed explanation. General questions to ask are:

- ★ Can the wheel be trued?
- ★ Is the hub smooth or does it have play or grind when you turn the axle?
- ★ Are there missing spokes or rim dents?

Stripping Wheels

Damaged/rough/low-quality wheels can be stripped:

- ★ Cut the spokes with bolt cutters or large pliers (not the cable cutters!!)
- ★ Spokes under tension can go aerial (direct away from people)

- ★ Keep the following:
 - usable cones and axles (we always need these)
 - quality hubs in good condition
 - very good or rare rims (if wheel stripped for other reasons)

