

# Toolbox List

Here is what I bring in my toolbox when I travel to races by car. \*Asterisked items are those I bring when I travel by air.

I use a roughly 16" x 8" x 8" plastic toolbox. It has a small parts lid with 9 sections, a removable middle tray with 6 sections, and a bottom section for larger items.

For some items, you will need to match the tool to the bike and components you are using. (A Shimano-specific tool may not work on a Campy part.)



## In the Lid, Small Stuff

- Cable ends
- Cassette spacers and 11-cog lockring<sup>1</sup>
- [Chainring nut wrench](#)<sup>2</sup>
- [\\*Disc wheel valve adapter](#)
- [\\*Earplugs](#)<sup>3</sup>
- Handlebar end plug
- [\\*Nickel](#)<sup>4</sup>
- [\\*Nuts and bolts](#) (chainring, headset, stem, and waterbottle holder bolts)
- [\\*Pump gaskets/washers](#)
- Quick-release springs
- Razor blade
- [\\*Rim strip](#)
- [\\*Rubber valve extender gripper](#)<sup>5</sup>
- [\\*Safety pins](#)<sup>6</sup>
- [\\*Seatpost binder bolts](#)

<sup>1</sup> An 11-cog lockring will work on a 12-cog, but a 12-cog won't work on an 11 cog

<sup>2</sup> Secures the slotted nut to prevent twisting when tightening/loosening

<sup>3</sup> Races often have noisy loudspeakers

<sup>4</sup> To unscrew the battery cover on many bicycle computers

<sup>5</sup> A rubber washer/gasket over a valve extender makes it easier to screw on tightly

<sup>6</sup> To pin on race numbers

- [\\*Spoke wrench](#)
- Small hose clamp<sup>7</sup>
- Threadless headset star washer and bolt
- [\\*Tire irons](#) (plastic)
- [\\*Valve extenders](#)

## Middle Tray

- [\\*Cassette locking tool](#)
- [\\*Chain tool](#)
- CO2 cartridges
- Electrical tape
- Hemostat<sup>8</sup>
- [\\*Lubricant](#)
- [\\*Multi-tool](#) (2, 2.5, 3, 4, 5, 6mm hexes; Phillips and slot screwdrivers)
- Nail clippers<sup>9</sup>
- Rear skewer (stationary trainer compatible)
- [\\*Sew-up tire glue](#)
- [\\*Small scissors](#)
- [\\*Teflon tape](#)<sup>10</sup>
- [\\*Tweezers](#)
- Utility knife
- [\\*Zip ties](#)

<sup>7</sup> To fix a floor pump

<sup>8</sup> Grips small stuff, from my medical days

<sup>9</sup> Trims zip ties

<sup>10</sup> For valve extender and other threads

Active links to *Park Tool* website provided to illustrate parts; not as endorsement.



## Bottom, Big Stuff

- [Bottom bracket tool](#)
- [\\*Brake cables](#) (2)
- [Cable/housing cutter](#)
- Chain
- [Chain whip](#)
- [Cone wrenches, 13, 14, 15mm](#)
- [\\*Crescent wrench](#) 6"
- Crescent wrench, 10"
- [\\*Cycling-shoe cleats](#)
- [\\*Gear cables](#) (2)
- [\\*Hex tool, 8mm](#)
- [\\*IDs](#). Laminated color copies of racing license, driver's license and health insurance card
- Latex gloves
- [Multi-socket tool, 8, 9, 10mm](#)
- [\\*Pedal wrench](#)
- [\\*Spare tire](#)
- [\\*Tubes](#)
- Vise grip

