

1x Drivetrain Parts & Tools List



We replaced a two-by-ten drivetrain to a 1x set-up on Tyge's Santa Cruz Bronson with 142mm non-boost hub. Before we started, our friend Steve from Hyland Cyclery took a look at the bike to help us identify all the tools and parts we needed. I was glad to find out we could save some money by keeping the original crankset and shifter. [As you'll see in the video](#), this is obviously the first time we've done something like this.

This was an excellent learning experience for my son and I. He was happy to do most of this on his own, lose a little weight from the bike and simplify his set-up the handle bars.

If you'd like to try a similar upgrade for a bike your family owns, here is a list of parts and tools we used. Be aware that drivetrains are different from bike-to-bike and your project will almost definitely require different parts. If you're not comfortable taking inventory and assessing what you need, we bet your local bike shop can help you out. Watch the video and Tyge will take you through what he did. *Note that the links we provide below are affiliate links and we could earn a commission if you make a purchase.*

Tools

Bike Repair Stand

[Competitive Cyclist](#) | [Jenson USA](#) | [REI](#)

Gloves

[Amazon](#)

2 Hex Wrench Sets

[Competitive Cyclist](#) | [Jenson USA](#) | [REI](#)

Cassette Lock Remover Tool

[Competitive Cyclist](#) | [Jenson USA](#) | [REI](#)

Cable/Housing Cutters

[Competitive Cyclist](#) | [Jenson USA](#) | [REI](#)

Channellock Wrench

[Amazon](#)

Needle-Nose Pliers

[Competitive Cyclist](#) | [Jenson USA](#)

Chainwhip

[Competitive Cyclist](#) | [Jenson USA](#) | [REI](#)

Chain Breaking Tool

[Competitive Cyclist](#) | [Jenson USA](#) | [REI](#)

Shop Towels

[Amazon](#)

Rubber Mallet

[Amazon](#)

Pedal Wrench

[Competitive Cyclist](#) | [Jenson USA](#) | [REI](#)

Parts

Cassette

[Competitive Cyclist](#) | [Jenson USA](#) | [REI](#)

Rear Shifter

[Competitive Cyclist](#) | [Jenson USA](#) | [REI](#)

Chain

[Competitive Cyclist](#) | [Jenson USA](#) | [REI](#)

WolfTooth Goatlink

[Jenson USA](#) | [Amazon](#)

1x Front Chainring

[Competitive Cyclist](#) | [Jenson USA](#) | [REI](#)

Derailleur Cable

[Competitive Cyclist](#) | [Jenson USA](#) | [REI](#)

Cable Crimps

[Competitive Cyclist](#) | [Jenson USA](#)