

OPTIONS FOR MODIFYING THE SUB DRIVETRAIN

The following information has been collected and provided in response to customers who have expressed interest in modifying and expanding their SUB's gear range.

Please note, per our warranty policy making any modifications to ElliptiGO bike components will void your warranty.

ElliptiGO has identified two options. We do not currently sell or stock any upgrade kits. However, a local bike shop should be able to order and install the necessary parts for the options detailed below. We HIGHLY recommend that you work with a local bike shop to perform the upgrade. This will ensure quality and safety.

When reviewing the detailed breakdown of the two options below, we ask that you keep the following items in mind:

- The below MSRP prices and labor costs are estimates and may vary from shop to shop.
- The below parts lists use mid-level SRAM parts for the derailleur, shifter, cassette, and chain. There are 3 price levels for each of these components. Selecting the “top of the line” (XX1) components would add between \$400 and \$600 to the cost of upgrading. We believe that the only advantage to this extra investment would be a slight reduction in weight.
- The upgrade cost above assumes a new rim, tire, tube and rimstrip. We do not recommend reusing existing parts from used wheels.

Questions and feedback can be directed to our customer service team by sending an email to service@elliptigo.com.



OPTIONS FOR MODIFYING THE SUB DRIVETRAIN

| | SUB Stock | | Option 1 | | Option 2 | |
|-------------------------------|-------------------------|-------|----------------------------------|-------|---------------------------------|-------|
| Drivetrain Description | Shimano 11-34 | | SRAM 10-42 | | E*THIRTEEN 9-46 | |
| Speeds | 8 | | 11 | | 11 | |
| Total Gear Range | 309% | | 420% | | 511% | |
| Difference from Stock | -- | | 111% | | 202% | |
| Increase in Total Gear Range | -- | | 36% | | 65% | |
| Chainring | 60 | | 60 | | 60 | |
| Rear Casette Gears | 11-13-15-17-20-23-26-34 | | 10-12-14-16-18-21-24-28-32-36-42 | | 9-10-12-14-17-20-24-28-33-39-46 | |
| | Low | High | Low | High | Low | High |
| Rear Casette | 34 | 11 | 42 | 10 | 46 | 9 |
| Gear Ratio | 1.765 | 5.455 | 1.429 | 6.000 | 1.304 | 6.667 |
| Gear Inches | 34.1 | 105.3 | 27.6 | 115.8 | 25.2 | 128.7 |
| % Difference from Stock | -- | | -19% | | -26% | |
| Estimated Upgrade Cost | -- | | \$799 | | \$905 | |

See the SUB Drivetrain Upgrade Parts List on Page Three

SUB Drivetrain Upgrade Options - Parts list

Option 1: SRAM 10-42

| Part Type | Model Name | Manufacturer | Part Number | MSRP |
|----------------------------|--|-----------------|-----------------|-----------------|
| Shifter | SRAM GX Trigger 11-speed | SRAM | 00.7018.209.002 | \$45.00 |
| Shift Cable | Jagwire Sport Derailleur Cable 1.1x3100mm SRAM/Shimano | Jagwire | 73SG3100 | \$5.49 |
| Derailleur | SRAM GX 1x11-speed Long Cage | SRAM | 00.7518.081.000 | \$115.00 |
| Cassette | SRAM XG-1150 11-speed 10-42 | SRAM | 00.2418.058.000 | \$143.00 |
| Chain | SRAM PC-1130 11-Speed | SRAM | 00.2518.006.010 | \$23.00 |
| Rim | Velocity Aeroheat 40-406 32-hole Presta Machined Sidewalls | Velocity | 3600M-40632 | \$78.99 |
| Hub | Bitex BX106R Rear Center Lock Disc Hub, 32 Hole XD Driver | Bitex | BX106-R | \$119.95 |
| Spokes | Sapim Race J-Bend, 32 | Sapim | n/a | \$40.00 |
| Nipples | Sapim Polyax Brass 12mm, 32 | Sapim | n/a | \$3.20 |
| Rim Strip | BOX Components Radian Rim Tape, 14mm | BOX Components | BX-RT13T2414-WH | \$5.99 |
| Tube | Q-Tubes 20" x 1.5-1.75" 32mm Presta Valve | Q Tubes (Kenda) | 519H3468 | \$8.99 |
| Tire | Kenda Kwest High Pressure Tire 20" x 1.5" | Kenda | O23A90B8 | \$19.95 |
| Labor - Wheel Build | Labor - Wheel Build (2x-2x spoke lacing) | Bike Shop | n/a | \$100.00 |
| Labor - Drivetrain Install | Labor - Drivetrain Install | Bike Shop | n/a | \$60.00 |
| Shipping - Parts | Shipping - Parts | Bike Shop | n/a | \$30.00 |
| | | | Total | \$798.56 |

Option 2: E*THIRTEEN 9-46

| Part Type | Model Name | Manufacturer | Part Number | MSRP |
|----------------------------|--|-----------------|-----------------|-----------------|
| Shifter | SRAM GX Trigger 11-speed | SRAM | 00.7018.209.002 | \$45.00 |
| Shift Cable | Jagwire Sport Derailleur Cable 1.1x3100mm SRAM/Shimano | Jagwire | 73SG3100 | \$5.49 |
| Derailleur | SRAM GX 1x11-speed Long Cage | SRAM | 00.7518.081.000 | \$115.00 |
| Cassette | e*thirteen TRS+ 11-speed 9-46 | E*Thirteen | FW1TPA-102 | \$249.00 |
| Chain | SRAM PC-1130 11-Speed | SRAM | 00.2518.006.010 | \$23.00 |
| Rim | Velocity Aeroheat 40-406 32-hole Presta Machined Sidewalls | Velocity | 3600M-40632 | \$78.99 |
| Hub | Bitex BX106R Rear Center Lock Disc Hub, 32 Hole XD Driver | Bitex | BX106-R | \$119.95 |
| Spokes | Sapim Race J-Bend, 32 | Sapim | n/a | \$40.00 |
| Nipples | Sapim Polyax Brass 12mm, 32 | Sapim | n/a | \$3.20 |
| Rim Strip | BOX Components Radian Rim Tape, 14mm | BOX Components | BX-RT13T2414-WH | \$5.99 |
| Tube | Q-Tubes 20" x 1.5-1.75" 32mm Presta Valve | Q Tubes (Kenda) | 519H3468 | \$8.99 |
| Tire | Kenda Kwest High Pressure Tire 20" x 1.5" | Kenda | O23A90B8 | \$19.95 |
| Labor - Wheel Build | Labor - Wheel Build (2x-2x spoke lacing) | Bike Shop | n/a | \$100.00 |
| Labor - Drivetrain Install | Labor - Drivetrain Install | Bike Shop | n/a | \$60.00 |
| Shipping - Parts | Shipping - Parts | Bike Shop | n/a | \$30.00 |
| | | | Total | \$904.56 |