



Atherton
bikes

USER MANUAL
AM.170

WELCOME

Welcome to the Atherton Bikes Family! In 2006 we started Atherton Racing so that we could push boundaries; from building tracks to producing edits or events it's all been about doing things our own way. In 2019, our dream of creating a product range that pushed bike development as hard as we were pushing our riding became irresistible and Atherton Bikes was born!

In keeping with this approach, Atherton Bikes are Built Different. All our bikes use world-beating technology and are handmade in Machynlleth, Wales to bring you unrivalled fit, strength and performance. Our entire careers we've done things differently so when it comes to building bikes it's only natural that we wouldn't settle for anything less.

We believe that the right bike for you can transform your riding experience and we're proud to put our name on every bike that leaves our factory.

Dan, Gee & Rach.

The AM.170

Inspired by Dan Atherton's riding in the Dyfi. The AM.170 is super-playful and designed to excel on the steeps.

This hard-hitting, big-mountain enduro bike has a mixed-wheel configuration, DW6 suspension platform with 170mm of rear travel and a straight-through seat-tube all of which combine to create an awesome all-rounder that is a big hitter in the bike park and a beast out on the trails.



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FRAME SPECIFICATION



Frame Construction: Bonded Titanium / Carbon Fibre

Rear Travel: 170mm

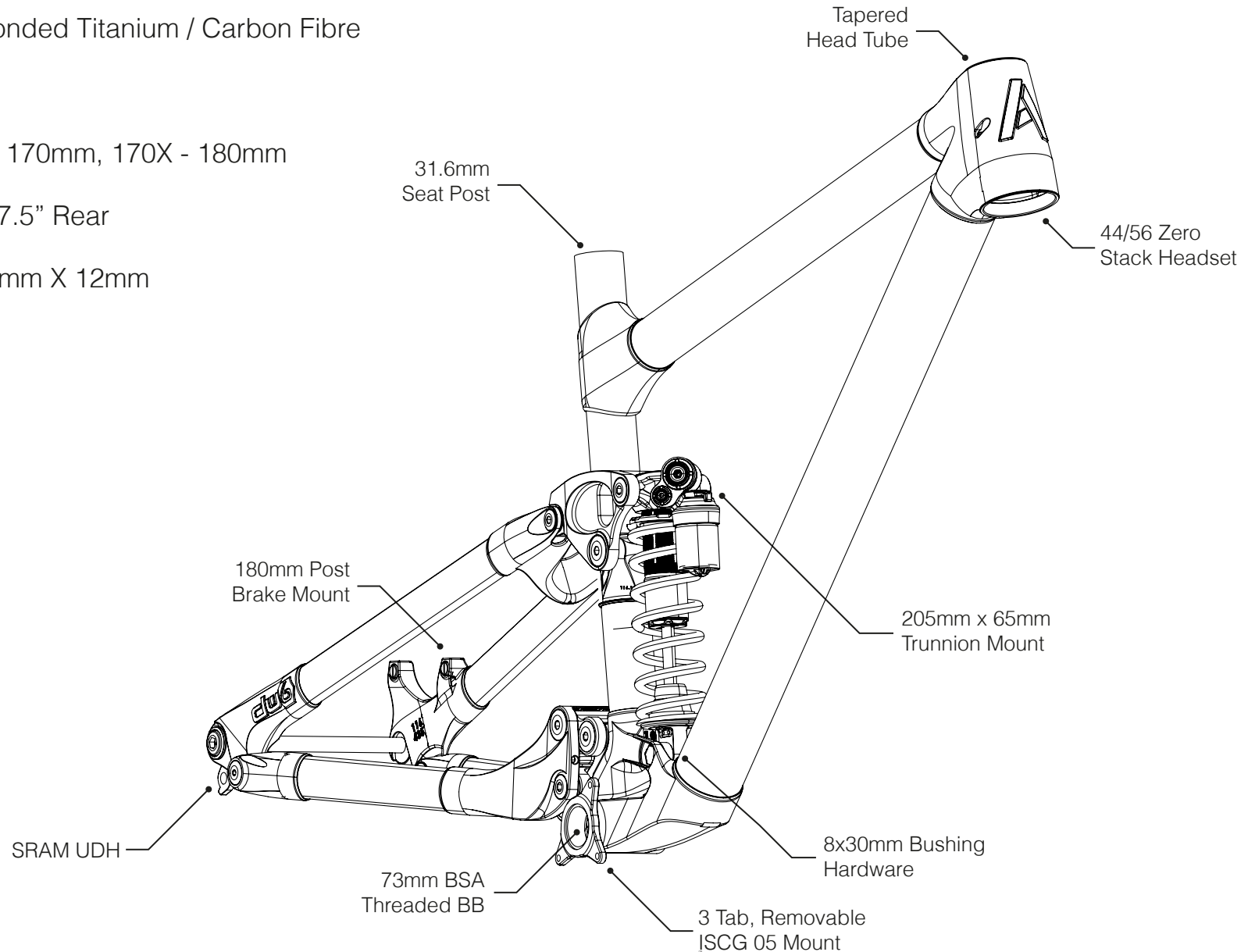
Front Travel: Standard - 170mm, 170X - 180mm

Wheel Size: 29" Front, 27.5" Rear

Rear Axle Spacing: 148mm X 12mm

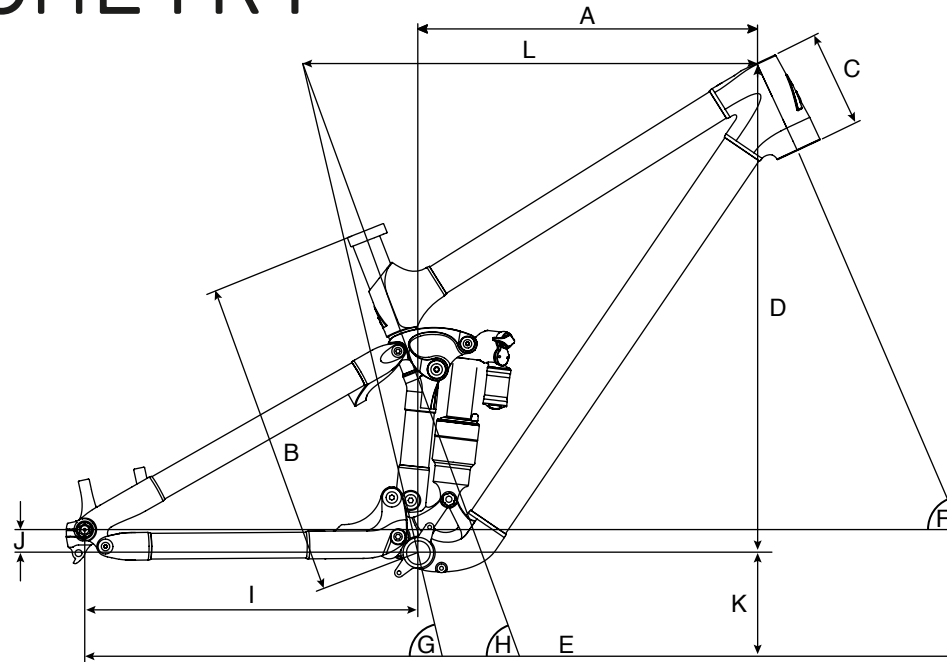
Cable Routing: Internal

Bottle Mounts: Optional



FRAME GEOMETRY

170



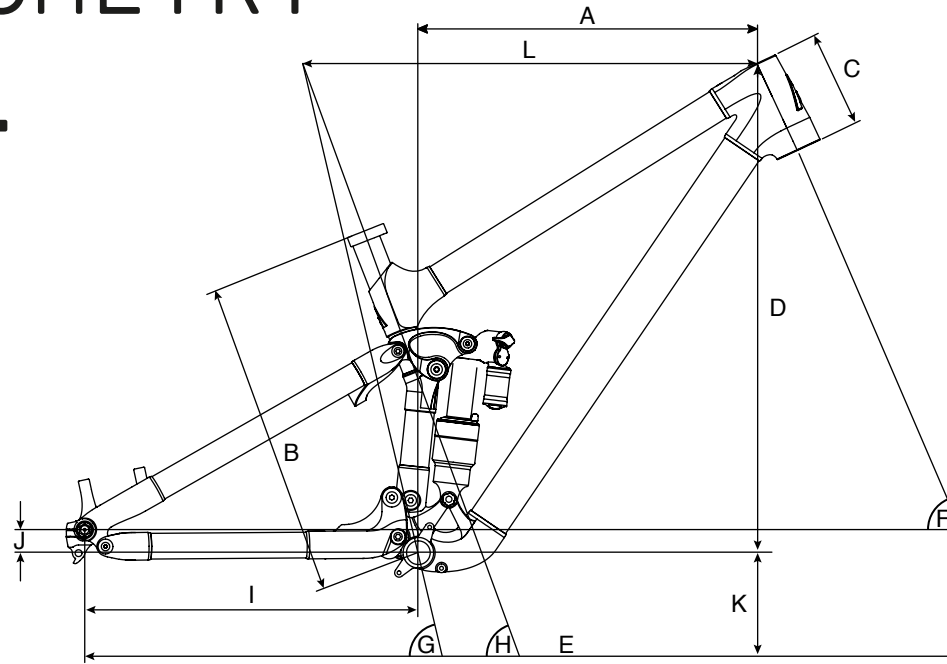
| Size | A Reach (mm) | B Seat tube Length (mm) | C Head tube (mm) | D Stack (mm) | E Wheelbase (mm) | F Head Angle (°) | G Effective Seat tube Angle (°) | H Actual Seat tube Angle (°) | I Chainstay (mm) | J BB Offset (mm) | K BB Height (mm) | L Effective Toptube Length (mm) |
|---------------------|--------------------|----------------------------------|------------------------|--------------------|------------------------|---------------------------|--|---------------------------------------|------------------------|------------------------|------------------------|--|
| 1 (410 Low) | 410 | 395 | 90 | 622 | 1176 | 64 | 77 | 73.3 | 430 | 15 | 340 | 554 |
| 2 (420 Low) | 420 | 395 | 90 | 622 | 1186 | 64 | 77 | 73.3 | 430 | 15 | 340 | 564 |
| 3 (430 Low) | 430 | 395 | 90 | 622 | 1196 | 64 | 77 | 73.3 | 430 | 15 | 340 | 574 |
| 4 (440 Low) | 440 | 395 | 100 | 631 | 1210 | 64 | 77 | 73.4 | 430 | 15 | 340 | 586 |
| 5 (450 Low) | 450 | 395 | 100 | 631 | 1225 | 64 | 77.75 | 74.5 | 435 | 15 | 340 | 587 |
| 6 (450 Reg) | 450 | 420 | 110 | 640 | 1230 | 64 | 77.75 | 74.5 | 435 | 15 | 340 | 589 |
| 7 (460 Low) | 460 | 395 | 100 | 631 | 1235 | 64 | 77.75 | 74.5 | 435 | 15 | 340 | 597 |
| 8 (460 Reg) | 460 | 420 | 110 | 640 | 1240 | 64 | 77.75 | 74.5 | 435 | 15 | 340 | 599 |
| 9 (470 Low) | 470 | 395 | 100 | 631 | 1245 | 64 | 77.75 | 74.5 | 435 | 15 | 340 | 607 |
| 10 (470 Reg) | 470 | 440 | 110 | 640 | 1250 | 64 | 77.75 | 74.5 | 435 | 15 | 340 | 609 |
| 11 (480 Reg) | 480 | 420 | 100 | 631 | 1255 | 64 | 77.75 | 74.5 | 435 | 15 | 340 | 617 |

Geometry based on 583.7mm AC



FRAME GEOMETRY

170 CONT.



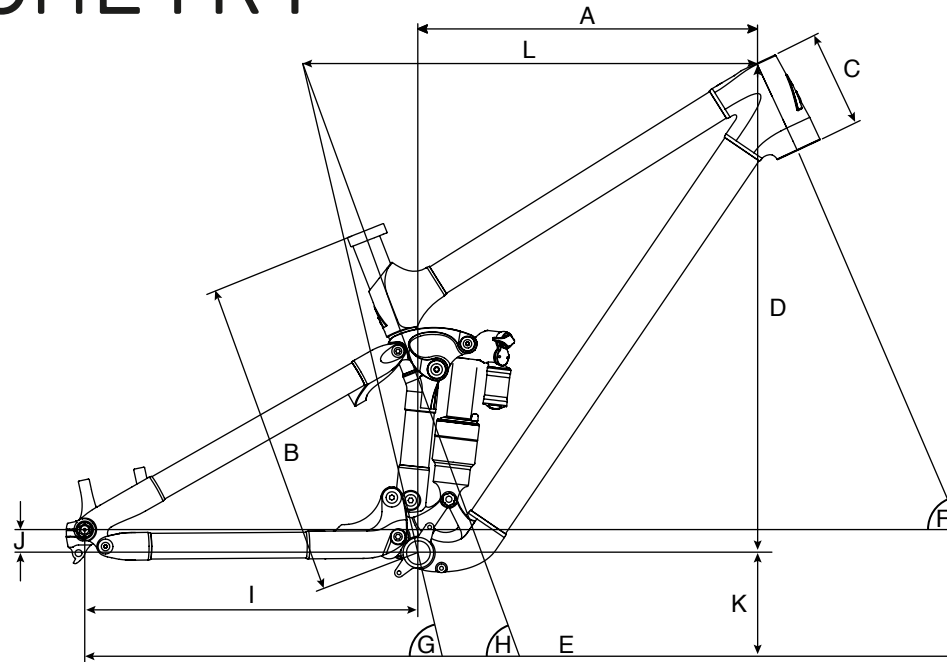
| Size | A Reach (mm) | B Seattube Length (mm) | C Headtube (mm) | D Stack (mm) | E Wheelbase (mm) | F Head Angle (°) | G Effective Seattube Angle (°) | H Actual Seattube Angle (°) | I Chainstay (mm) | J BB Offset (mm) | K BB Height (mm) | L Effective Toptube Length(mm) |
|-------------------------|--------------------|---------------------------------|-----------------------|--------------------|------------------------|---------------------------|---|--------------------------------------|------------------------|------------------------|------------------------|---|
| 12 (480 Tall) | 480 | 440 | 110 | 640 | 1260 | 64 | 77.75 | 74.5 | 435 | 15 | 340 | 619 |
| 13 (490 Reg) | 490 | 420 | 110 | 640 | 1275 | 64 | 78.5 | 75.4 | 440 | 15 | 340 | 620 |
| 14 (490 Tall) | 490 | 440 | 120 | 649 | 1280 | 64 | 78.5 | 75.5 | 440 | 15 | 340 | 622 |
| 15 (500 Reg) | 500 | 420 | 110 | 640 | 1285 | 64 | 78.5 | 75.4 | 440 | 15 | 340 | 630 |
| 16 (500 X-Tall) | 500 | 460 | 120 | 649 | 1290 | 64 | 78.5 | 75.5 | 440 | 15 | 340 | 632 |
| 17 (510 Tall) | 510 | 440 | 120 | 649 | 1300 | 64 | 78.5 | 75.5 | 440 | 15 | 340 | 642 |
| 18 (510 X-Tall) | 510 | 460 | 135 | 662 | 1306 | 64 | 78.5 | 75.6 | 440 | 15 | 340 | 645 |
| 19 (520 Tall) | 520 | 440 | 120 | 649 | 1309 | 64 | 78.5 | 75.5 | 440 | 15 | 340 | 652 |
| 20 (520 XX-Tall) | 520 | 480 | 135 | 662 | 1316 | 64 | 78.5 | 75.6 | 440 | 15 | 340 | 655 |
| 21 (530 Tall) | 530 | 440 | 120 | 649 | 1319 | 64 | 78.5 | 75.5 | 440 | 15 | 340 | 662 |
| 22 (530 XX-Tall) | 530 | 480 | 135 | 662 | 1326 | 64 | 78.5 | 75.6 | 440 | 15 | 340 | 665 |

Geometry based on 583.7mm AC



FRAME GEOMETRY

170X



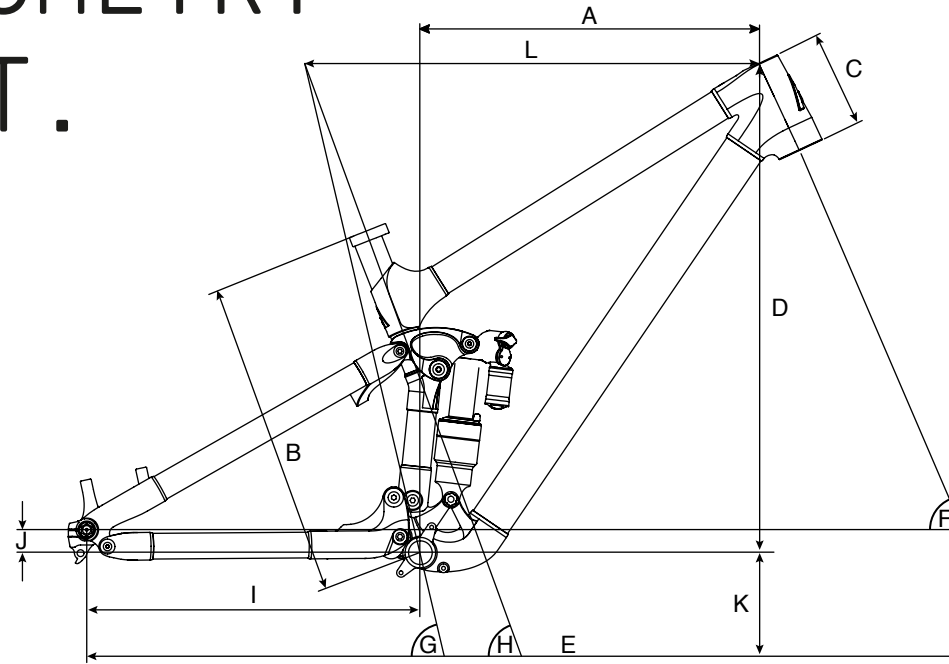
| Size | A Reach (mm) | B Seattube Length (mm) | C Headtube (mm) | D Stack (mm) | E Wheelbase (mm) | F Head Angle (°) | G Effective Seattube Angle (°) | H Actual Seattube Angle (°) | I Chainstay (mm) | J BB Offset (mm) | K BB Height (mm) | L Effective Toptube Length(mm) |
|---------------------|--------------------|---------------------------------|-----------------------|--------------------|------------------------|---------------------------|---|--------------------------------------|------------------------|------------------------|------------------------|---|
| 1 (410 Low) | 405 | 395 | 90 | 625 | 1180 | 63.6 | 76.5 | 72.9 | 430 | 12 | 343 | 555 |
| 2 (420 Low) | 415 | 395 | 90 | 625 | 1190 | 63.6 | 76.5 | 72.9 | 430 | 12 | 343 | 565 |
| 3 (430 Low) | 425 | 395 | 90 | 625 | 1200 | 63.6 | 76.5 | 72.9 | 430 | 12 | 343 | 575 |
| 4 (440 Low) | 435 | 395 | 100 | 634 | 1215 | 63.6 | 76.6 | 73.0 | 430 | 12 | 343 | 587 |
| 5 (450 Low) | 445 | 395 | 100 | 634 | 1230 | 63.6 | 77.3 | 74.0 | 435 | 12 | 343 | 588 |
| 6 (450 Reg) | 445 | 420 | 110 | 643 | 1234 | 63.6 | 77.3 | 74.1 | 435 | 12 | 343 | 590 |
| 7 (460 Low) | 455 | 395 | 100 | 634 | 1240 | 63.6 | 77.3 | 74.0 | 435 | 12 | 343 | 598 |
| 8 (460 Reg) | 455 | 420 | 110 | 643 | 1244 | 63.6 | 77.3 | 74.1 | 435 | 12 | 343 | 600 |
| 9 (470 Low) | 465 | 395 | 100 | 634 | 1250 | 63.6 | 77.3 | 74.0 | 435 | 12 | 343 | 608 |
| 10 (470 Reg) | 465 | 440 | 110 | 643 | 1254 | 63.6 | 77.3 | 74.1 | 435 | 12 | 343 | 610 |
| 11 (480 Reg) | 475 | 420 | 100 | 634 | 1260 | 63.6 | 77.3 | 74.0 | 435 | 12 | 343 | 618 |

Geometry based on 593.7mm AC



FRAME GEOMETRY

170X CONT.



| Size | A Reach (mm) | B Seattube Length (mm) | C Headtube (mm) | D Stack (mm) | E Wheelbase (mm) | F Head Angle (°) | G Effective Seattube Angle (°) | H Actual Seattube Angle (°) | I Chainstay (mm) | J BB Offset (mm) | K BB Height (mm) | L Effective Toptube Length(mm) |
|-------------------------|--------------------|---------------------------------|-----------------------|--------------------|------------------------|---------------------------|---|--------------------------------------|------------------------|------------------------|------------------------|---|
| 12 (480 Tall) | 475 | 440 | 110 | 643 | 1264 | 63.6 | 77.3 | 74.1 | 435 | 12 | 343 | 620 |
| 13 (490 Reg) | 485 | 420 | 110 | 643 | 1279 | 63.6 | 78.1 | 75.0 | 440 | 12 | 343 | 621 |
| 14 (490 Tall) | 485 | 440 | 120 | 652 | 1283 | 63.6 | 78.1 | 75.1 | 440 | 12 | 343 | 623 |
| 15 (500 Reg) | 496 | 420 | 110 | 643 | 1289 | 63.6 | 78.1 | 75.0 | 440 | 12 | 343 | 631 |
| 16 (500 X-Tall) | 495 | 460 | 120 | 652 | 1293 | 63.6 | 78.1 | 75.1 | 440 | 12 | 343 | 633 |
| 17 (510 - Tall) | 505 | 440 | 120 | 652 | 1303 | 63.6 | 78.1 | 75.1 | 440 | 12 | 343 | 643 |
| 18 (510 X-Tall) | 505 | 460 | 135 | 666 | 1310 | 63.6 | 78.1 | 75.2 | 440 | 12 | 343 | 646 |
| 19 (520 Tall) | 516 | 440 | 120 | 652 | 1313 | 63.6 | 78.1 | 75.1 | 440 | 12 | 343 | 653 |
| 20 (520 XX-Tall) | 515 | 480 | 135 | 666 | 1320 | 63.6 | 78.1 | 75.2 | 440 | 12 | 343 | 656 |
| 21 (530 Tall) | 526 | 440 | 120 | 652 | 1323 | 63.6 | 78.1 | 75.1 | 440 | 12 | 343 | 663 |
| 22 (530 XX-Tall) | 525 | 480 | 135 | 666 | 1330 | 63.6 | 78.1 | 75.2 | 440 | 12 | 343 | 666 |

Geometry based on 593.7mm AC



FRAME HARDWARE



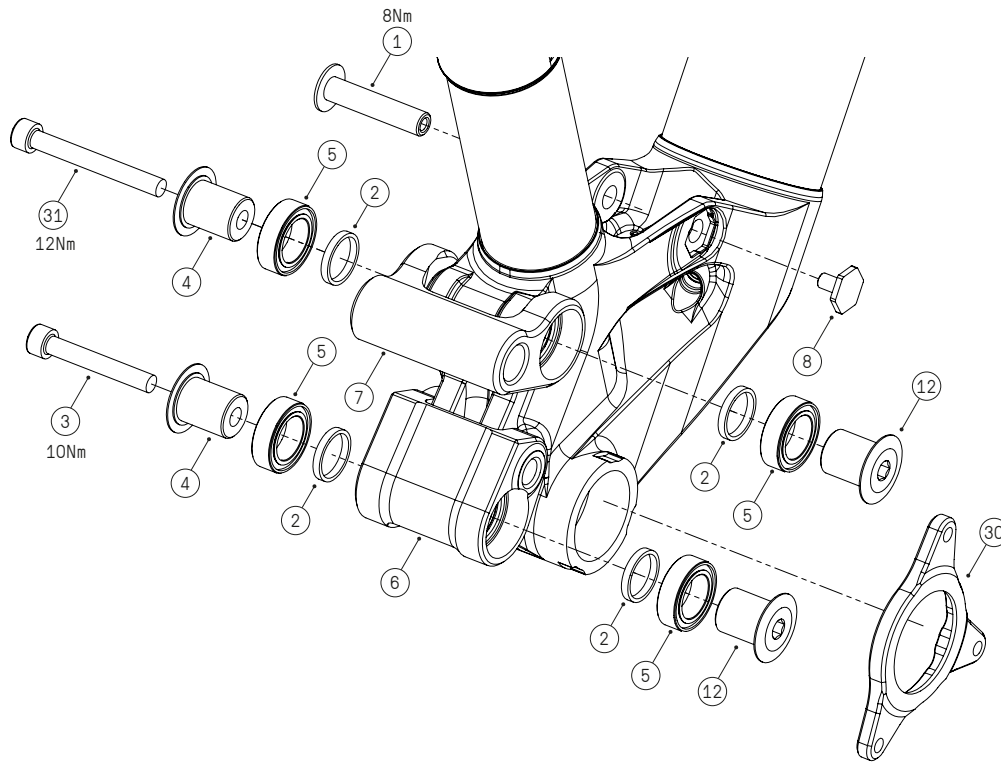
| Ref. | Part No. | Description | Qty. |
|------|----------|-------------------------------|------|
| 1 | 002.2008 | SHOCK LOWER MOUNT PIVOT | 1 |
| 2 | 002.1004 | SPACER (15 x 18 x 2.5) | 8 |
| 3 | 011.1001 | SOCKET HEAD CAP SCREW M6 X 40 | 1 |
| 4 | 002.2011 | SEAT TUBE PIVOT MALE | 3 |
| 5 | 011.1050 | BEARING 3802 | 8 |
| 6 | 101.5003 | LOWER LINK | 1 |
| 7 | 101.5002 | UPPER LINK | 1 |
| 8 | 002.2010 | PIVOT HEX BOLT | 3 |
| 9 | 002.2002 | SEAT STAY PIVOT | 2 |
| 10 | 011.1051 | BEARING 11197-2RS | 6 |
| 11 | 002.1002 | SPACER (11 x 14 x 2.5) | 6 |
| 12 | 002.2012 | SEAT TUBE PIVOT FEMALE | 3 |
| 13 | 002.2009 | SHOCK UPPER MOUNT | 4 |
| 14 | 101.5001 | ROCKER | 1 |
| 15 | 101.0005 | SEAT STAY ASSEMBLY | 1 |
| 16 | 011.1002 | SOCKET HEAD CAP SCREW M6 X 50 | 1 |
| 17 | 002.2007 | YOKE PIVOT UPPER | 2 |
| 18 | 002.2001 | DROPOUT PIVOT | 2 |
| 19 | 011.1052 | BEARING 698 LLU MAX-E | 4 |
| 20 | 002.2003 | REAR END SCREW CAP | 2 |
| 21 | 011.1004 | M5 X 10 T25 PAN HEAD TORX | 2 |

| Ref. | Part No. | Description | Qty. |
|------|-----------------|-------------------------------|------|
| 22 | 011.1007 | M6 BARREL NUT | 2 |
| 23 | 00.4318.050.001 | SRAM AM AX MAXLE STLTH AXLE | 1 |
| 24 | | UDH FRAME WASHER | 1 |
| 25 | 00.7918.093.000 | UDH BOLT | 1 |
| 26 | | UDH REAR DERAILLEUR HANGER | 1 |
| 27 | 011.1005 | SOCKET HEAD CAP SCREW M5 X 14 | 1 |
| 28 | 011.1006 | M5 BARREL NUT | 1 |
| 29 | 001.1007 | SEAT POST CLAMP | 1 |
| 30 | 002.2043 | REMOVABLE ISCG 05 MOUNT | 1 |
| 31 | 011.1004 | SOCKET HEAD CAP SCREW M6 X 45 | 1 |

Additional Information:

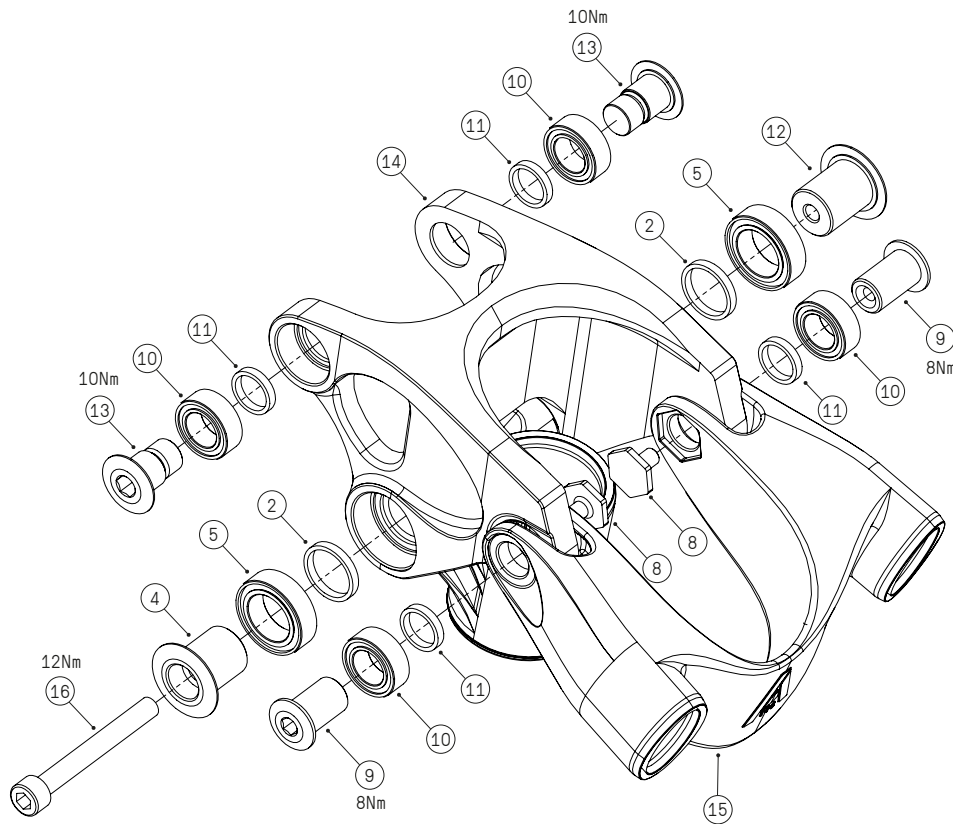
- Loctite 241 thread lock to be applied to threaded sections of all bolts (excluding seat clamp, BB shell and wheel axle).
- Multi-purpose grease to be applied to all pivot shafts, the rear axle shaft and the bearing housings.
- Torque values are location specific (see exploded diagrams). If using the bottle cage mounting threads, bolts should be torqued to 3Nm.

LOWER LINKAGE ASSEMBLY



| Ref. | Part No. | Description | Qty. |
|------|----------|-------------------------------|------|
| 1 | 002.2008 | SHOCK LOWER MOUNT PIVOT | 1 |
| 2 | 002.1004 | SPACER (15 x 18 x 2.5) | 4 |
| 3 | 011.1001 | SOCKET HEAD CAP SCREW M6 X 40 | 1 |
| 4 | 002.2011 | SEAT TUBE PIVOT MALE | 2 |
| 5 | 011.1050 | BEARING 3802 | 4 |
| 6 | 112.5003 | LOWER LINK | 1 |
| 7 | 116.5002 | UPPER LINK | 1 |
| 8 | 002.2010 | PIVOT HEX BOLT | 1 |
| 12 | 002.2012 | SEAT TUBE PIVOT FEMALE | 2 |
| 30 | 002.2043 | REMOVABLE ISCG 05 MOUNT | 1 |
| 31 | 011.1004 | SOCKET HEAD CAP SCREW M6 X 45 | 1 |

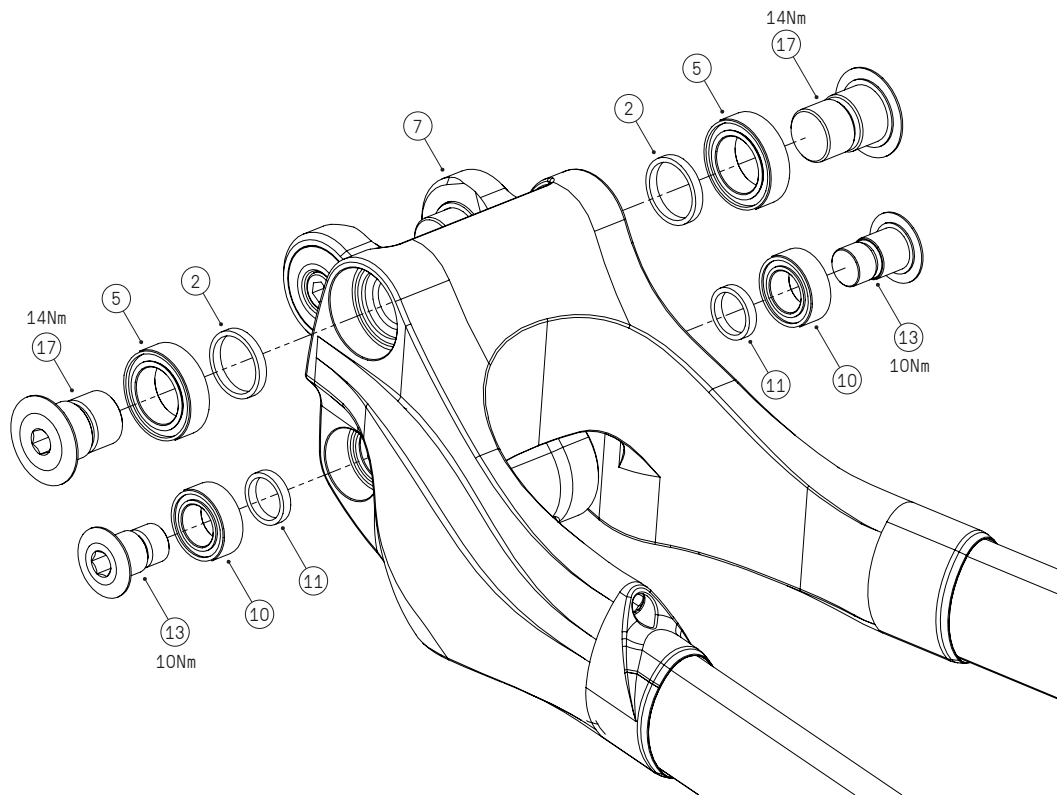
ROCKER LINKAGE ASSEMBLY



| Ref. | Part No. | Description | Qty. |
|------|----------|-------------------------------|------|
| 2 | 002.1004 | SPACER (15 x 18 x 2.5) | 2 |
| 4 | 002.2011 | SEAT TUBE PIVOT MALE | 1 |
| 5 | 011.1050 | BEARING 3802 | 2 |
| 8 | 002.2010 | PIVOT HEX BOLT | 2 |
| 9 | 002.2002 | SEAT STAY PIVOT | 2 |
| 10 | 011.1051 | BEARING 11197-2RS | 4 |
| 11 | 002.1002 | SPACER (11 x 14 x 2.5) | 4 |
| 12 | 002.2012 | SEAT TUBE PIVOT FEMALE | 1 |
| 13 | 002.2009 | SHOCK UPPER MOUNT | 2 |
| 14 | 116.5001 | ROCKER | 1 |
| 15 | 116.0005 | SEAT STAY ASSEMBLY | 1 |
| 16 | 011.1002 | SOCKET HEAD CAP SCREW M6 X 60 | 1 |

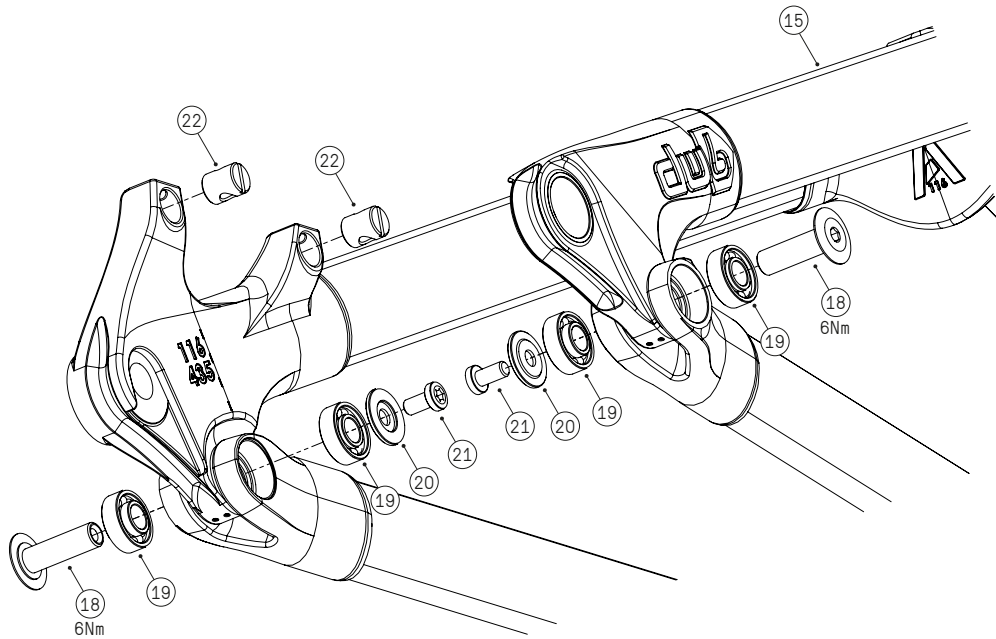


SWINGARM LINKAGE ASSEMBLY



| Ref. | Part No. | Description | Qty. |
|------|----------|------------------------|------|
| 2 | 002.1004 | SPACER (15 x 18 x 2.5) | 2 |
| 5 | 011.1050 | BEARING 3802 | 2 |
| 7 | 116.5002 | UPPER LINK | 1 |
| 10 | 011.1051 | BEARING 11197-2RS | 2 |
| 11 | 002.1002 | SPACER (11 x 14 x 2.5) | 2 |
| 13 | 002.2009 | SHOCK MOUNT UPPER | 2 |
| 17 | 002.2007 | YOKE PIVOT UPPER | 2 |

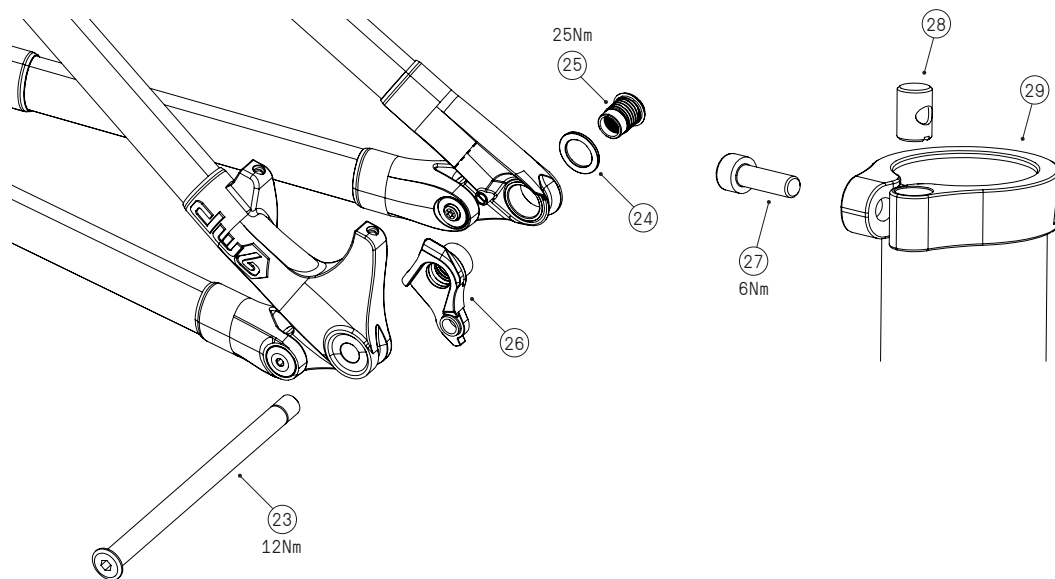
REAR ASSEMBLY



| Ref. | Part No. | Description | Qty. |
|------|----------|---------------------------|------|
| 15 | 116.0005 | SEAT STAY ASSEMBLY | 1 |
| 18 | 002.2001 | DROPOUT PIVOT | 2 |
| 19 | 011.1052 | BEARING 698 LLU MAX-E | 4 |
| 20 | 002.2003 | REAR END SCREW CAP | 2 |
| 21 | 011.1004 | M5 X 10 T25 PAN HEAD TORX | 2 |
| 22 | 011.1007 | M6 BARREL NUT | 2 |



REAR AXLE/HANGER & SEAT CLAMP ASSEMBLY



| Ref. | Part No. | Description | Qty. |
|------|-----------------|-------------------------------|------|
| 23 | 00.4318.050.001 | SRAM AM AX MAXLE STLTH AXLE | 1 |
| 24 | | UDH FRAME WASHER | 1 |
| 25 | 00.7918.093.000 | UDH BOLT | 1 |
| 26 | | UDH REAR DERAILLEUR HANGER | 1 |
| 27 | 011.1005 | SOCKET HEAD CAP SCREW M5 X 14 | 1 |
| 28 | 011.1006 | M5 BARREL NUT | 1 |
| 29 | 001.1007 | SEAT POST CLAMP | 1 |

ASSEMBLY INSTRUCTIONS



When you receive your new Atherton Bike there are just a few simple steps to getting your bike out of its box and out on to the trails.

To make sure all your components are working perfectly, every Atherton Bike is assembled and checked by our team of expert mechanics before being sent to you.

To make sure that your new ride is secure in transit, we then remove some components, the wheels, handlebar, and forks and pack them securely in the box.

Assembling your bike couldn't be easier with our step-by-step assembly instruction guide. If you need any extra assistance, please don't hesitate to get in touch with one of the team, we'd be more than happy to help.

Grab your tools, make a brew, and get building!



FROM BOX TO BIKE

Step 1: Fork and handlebars



Install the forks into the headset, attaching the stem to the steerer tube. Preload the top cap and tighten the clamp bolts (ensuring that the stem is aligned correctly).

Step 2: Brakes and Controls



Fasten the controls to the handle bars, positioning as desired. Using a T25 torx key, attach the brake rotors to the hubs. Progressively tighten the bolts in a star sequence until torqued to 6.2Nm.

Step 3: Derailleur & Chain



Fasten the dérailleur to the hanger, ensuring that the B-tension is seated correctly. Reconnect the chain using the provided power link. The chain is already cut to size and gears indexed.

Step 4: Wheels



Inflate the tyres (as per manufacturer recommendations) and install the wheels onto the bike. Ensure the axles are torqued as per the provided values.

Step 5: Pedals



Fit the pedals of your choosing. The non-driveside pedal has a left-hand thread, so take care to install these correctly.

Step 6: Saddle Height



Set the saddle height, feeding the dropper post cable through the headtube port. Ensure that the minimum insertion mark is no longer visible whilst maintaining 25mm (min) clearance to the tyre at bottom out.

SUSPENSION SETUP



Fork and rear shock suspension set up is essential to getting the most out of your Atherton Bikes DW6 suspension system.

Learn how to set sag, air spring pressure, compression adjustments, rebound adjust, additional tuning options and more in the tuning guides below.

The recommended settings in the tuning guides attached are designed to be a starting point so that you can get out on your first ride as soon as possible! If you would like further assistance tuning your suspension to get the most out of your bike, please drop us an email, we'd love to help.

Fox Rear Shock Setup Guide:

<https://www.ridefox.com/dl/bike/my22/605-00-254-DHX2-Tuning-Guide-revA.pdf>

Fox Fork Setup Guide:

https://www.ridefox.com/dl/bike/my21/605-00-217_RevA-38-Tuning-Guide.pdf

Rockshox Suspension Setup Guide:

<https://www.sram.com/globalassets/document-hierarchy/tuning-manuals/suspension-setup-and-tuning-guide-english.pdf>



SERVICE & MAINTENANCE



| Item. | Task | After Every Ride | After 500miles / 1month | After 2000miles / 6months | After 4000 miles / 1year |
|----------------|---|--------------------------------------|-------------------------|---------------------------|--------------------------|
| Chain | Clean and lubricate | X | | | |
| Brakes | Check function | X | | | |
| Tyres | Inspect sidewalls and tread, check air pressure | X | | | |
| General | Fully clean bike | X | | | |
| Frame Pivots | Check torque settings | X | | | |
| Brakes | Check brake pads, replace as necessary | | X | | |
| Headset | Check adjustment | | X | | |
| Spokes | Check tension, inspect | | X | | |
| Shock & Fork | Inspect and check air pressure | | X | | |
| Gear Cables | Inspect and lubricate | | | X | |
| Seat post | Remove, clean and re-grease | | | X | |
| Frame Pivots | Remove pivot bolts and check bearings for wear | | | X | |
| Headset | Disassemble stem, headset and fork, check bearings for wear | | | X | |
| Hubs | Remove wheels and check bearings for wear | | | X | |
| Bottom Bracket | Remove cranks and check bearings for wear | | | X | |
| Chain | Check for stretch, inspect for damage | | | X | |
| General | Full service | | | | X |
| Shock & Fork | Full service | As per manufacturers recommendations | | | |



PART COMPATIBILITY

PARTS WE RECOMMEND

We work closely with a range of brands to design and spec' our builds. We love these products and guarantee that they will work flawlessly on your Atherton bike.

Whilst our bikes are designed to work alongside the majority of components, some parts may not fit, for example those that occupy a larger envelop than most (see the below limitations). Regardless of the parts in question, test fits must be carried out prior to use, to ensure sufficient clearnace and proper function is achieved.



| COMPONENT | LIMITATIONS |
|--------------------|--|
| Cranks | - Max length = 170mm |
| Tyres | - Max width = *2.5" (*measured width, dictated by tyre & rim combination) |
| Chainring | - Max 36T |
| Brake Rotor (Rear) | - Max diameter = 203mm - Max thickness including rivets = 2.3mm |
| Bottom Bracket | - Max bottom bracket outer diameter = 49mm, allowing clearance for standard SRAM, Shimano, FSA and Hope models (among others). Some larger models are compatible, however, this is dependant on the specific form of the part. |
| Chain Guide | - Compatible chain guides include: MRP 1x and Amg, E-thirteen TRS Range, One-Up & Hope (full range) and similar models from other brands. |
| Transmission | - SRAM UDH: T-Type compatible. |

STILL UNSURE?

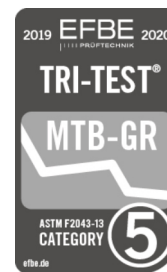
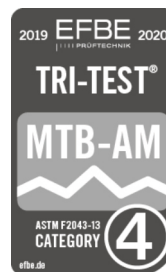
If you would like more information on part compatibility, we are only an email away (sales@athertonbikes.com), we'd be more than happy to answer any questions that you might have.

TESTING AND STANDARDS

Before we launch any new bike to the public we subject it to the most rigorous testing imaginable at EFBE in Germany, the world's leading laboratory for mechanical tests on bikes. Now that were a little further on our journey we tend to send a new frame but we think that there is an extra measure of reassurance in the fact that we sent our first bike to be tested (the AM.200) not as a new frame but after it had been thrashed by Dan Atherton in the Dyfi for six long months! It passed with flying colours.

EFBE's TRI-TEST® goes way beyond established international standards and reflects the specific challenges faced by modern bikes. All of our bikes, from the AM.130 upwards have passed the most rigorous tests of both category 4 and category 5, which means that even our trail bike is tough enough for downhill rides with extreme jumps and drops at speeds exceeding 40 km/h

The TRI-TEST® includes fatigue tests, maximum load tests and overload tests to provide a simulation of the stresses experienced throughout a bike's entire life.



ADDITIONAL INFORMATION



COMPONENTS & MAINTENANCE

- The bike's brake lever orientation will correspond to the standard within the country of purchase (unless stated otherwise).
- This bike must be used in a safe manner checking components regularly (including but not limited to tyres, wheels and steering components).
- This bike is not suitable for use alongside; panniers, trailers or child seats.
- All specified torque values must be adhered to, both for this frame (torques included in this document) and specific to the fitted parts.
- Gears are adjusted prior to shipping however, further adjustments may need to be made as the cable stretches and parts settle. Further adjustments can be made as required using the associated barrel adjuster (located on the gear shifter).
- All wearing components must be checked regularly and genuine replacement parts should be fitted when required.
- The maximum pressure for the wheel & tyre combination must not be exceeded. If not stated on both the rim and tyre, please consult the corresponding manufacturer/s.

As with all mechanical components, the bicycle is subject to wear and high stresses. Different materials and components might react to wear and stress fatigue in different ways. If the design life of a component has been exceeded, it may suddenly fail, possibly causing injuries to the rider. Any form of crack, scratches, or change of colouring in highly stressed areas indicate that the life of the component has been reached and it should be replaced.

For composite components, impact damage may not be visible to the user. Consequences of this damage can be severe and in the event of an impact the manufacturer must be contacted to advise further actions.

SAFETY & LEGAL

- A helmet must be worn throughout use and additional protective equipment is highly recommended.
- During both use and maintenance, there is risk of injury (for example, through entrapment) and the user must take appropriate safety precautions.
- If the bike is being used on public roads all national legal requirements must be adhered to.
- Riders should be aware of the effect that changing conditions and terrain have on handling and braking distances.

RIDER WEIGHT

- Permissible weight of the rider (and luggage) is limited to 120kg (as per EFBE TRI-TEST Standards).

WARRANTY



PARTIES

"we/us/our" - Atherton Bikes Limited

"you/your" - The Customer

THE WARRANTY

The warranty applies to all bicycle frames, including made to measure or bespoke frames, purchased from us. We guarantee that all frames will be free from defects in the materials or workmanship for the lifetime of the product. Where the frame develops a fault which is due to a defect in the materials used or the workmanship we will repair the frame free of charge. If we cannot repair it we will inform you of this and offer a like for like replacement.

The warranty does not cover damage to paint or anodizing damage.

The warranty also does not cover any items purchased other than bicycle frames and does not include the consumable components of the bike. Consumable components are those components which have are typically expected to need replacing within a 12 month period of being fitted to the bike. Consumable components include:

- Tyres;
- Chain
- Cassette;
- Grips;
- Chainring;
- Brakepads;
- Cables

This list is not exhaustive and if you are not sure whether a component is covered by the warranty please contact us to discuss it further.

All other original parts or components which are not covered by this warranty may be covered by a warranty from the original manufacturer.

WARRANTY CONT.



We are only able to offer the warranty where:

1. the frame has been maintained according to the care and maintenance instructions which were provided to you at the point of sale; and
2. the bicycle has been used only according to the description in the product manual.

REPAIRS WHICH ARE NOT COVERED BY THE WARRANTY:

The following damage is not covered by the warranty:

- Normal wear and tear;
- Crash damage, including impact to carbon fibre elements or other overloading;
- Improper assembly;
- Corrosion;
- Modifications to the frame;
- Damage as a result of not adhering to the minimum inserts of depth of seat post;
- Damage caused by excessive load outside of what is expected in normal riding;
- Impact damage (for example caused by collisions);
- Damage caused as a result of transportation of the bike, including transport where the bike was attached to a vehicle or a lift.
- Damage which we (in our sole discretion) assess to be the result of a lack of care and maintenance, or maintenance which is not in line with the maintenance instructions which have been provided to you.
- Damage caused by the use of non-compatible components with the bike frame. A full list of components which are compatible with the bike frame are set out in the product manual.

WARRANTY CONT.



HOW TO MAKE A CLAIM:

To make a claim you should contact us by phone or email. You will need to provide your name, details of your frame, a copy of your original purchase order and the date of the original purchase.

We will ask for a description of the fault and photographs or a video showing the fault. We will carry out an assessment based on the images provided and make a decision on whether the fault is covered by the warranty and inform you of our decision. Where necessary we will request further information from you. In some circumstances we may need to carry out a physical inspection of the frame before we can make a decision and if this is the case we will require that the bike is returned to our workshop. You can either bring the bike back to our workshop or alternatively we can arrange to collect it from you.

If the damage or fault is covered by the warranty we will arrange a date for you to bring the bike to our workshop, or for us to collect the bike, so that we can repair it (provided that you have not already brought the bike to our workshop so that we may assess the damage).

All decisions about whether the damage or fault is covered by the warranty will be made at our sole discretion.

TIMEFRAME:

We aim to complete the repair within 90 days of you returning the bike to us. If there is a delay in carrying out the repair we will write to you to inform you of this.

If we need to replace your bicycle frame we will aim to do this within 90 days of informing you that we will replace the bike. Where we need to replace the frame it will be a like for like replacement, or if the same frame is not available, we will replace it with a frame of an equivalent standard.

We will return your repaired bike, or replacement bicycle frame, to you free of charge. Alternatively you can collect the bike from our premises.

WARRANTY CONT.



IF YOU ARE NOT THE ORIGINAL OWNER

This warranty is personal to the person who purchased the bike frame from us and we are only able to offer the warranty to such person.

OTHER CLAIMS

The repair or replacement offered through this warranty is your sole remedy for a defective bicycle frame.

We will not be liable for any direct, indirect or consequential losses arising from the purchase, use or ownership of the bicycle by you, including for personal injury, property damage or economic loss (except where it would be unlawful to do so, including where death or personal injury is as a result of our negligence).



CONTACT

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Web: www.athertonbikes.com

Atherton
bikes