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FISH

v. 3

LAST NAME IN MOUNTAIN BIKES.

GARY FISHER

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IMAGE CREDITS: Cover: Mathew Woodson, Fire: Winni Wintermyer, IMBA: Steve Milanowski, Watts3: Sterling Lorence

FIRE ON THE MOUNTAIN

There's been a lot of ink over the years about the early days of mountain biking: the whos and whats and way-back-whens. It's a good thing, I suppose, to get some of that stuff down for posterity. But the real story isn't found in the details. Details are static. This story, mountain biking, it flows.

Back in the day, we weren't looking for anything more than a way to get around on Mt. Tamalpais. The area was closed to motor vehicles in the early '70s due to excessive partying (which we may have, possibly, been a part of). With cars outlawed, bicycles became the next best option. Before long though, we realized bicycles were actually the best option of all.

A real collection of humanity we were: all kinds of misfits crashing down the mountain on Goodwill bikes. We went for the pre-WWII models, which were fairly common, because they had higher cranksets. Five or ten bucks was all it took. Just walk your bike up the mountain. Ride it down. Then repack the bearings, replace the busted parts, and do it again. It was a blast. A huge party. We didn't know at the time (nor care) that we were onto something big. We just knew we were onto something fun.

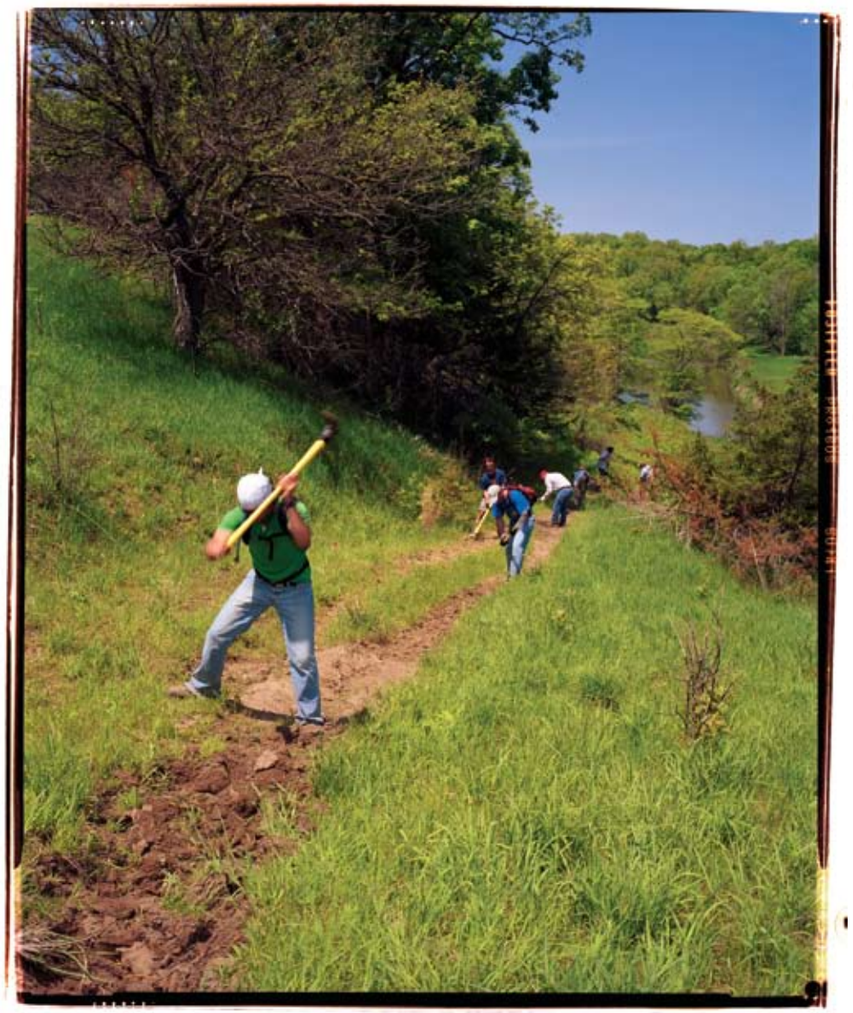
Before long, we started to tinker: wider gearing, longer crankarms, motorcycle parts, on and on. It was like a spark that we couldn't help but fan. Trying to come up with ways to improve the experience. Stronger, lighter, faster. More fun. Mt. Tam provided all the fuel we needed. Of course meanwhile, other people on other mountains were starting other fires. Before we knew it, the whole world was aglow.

The best part, though, is that it's still lit. Each season brings new riders, new ideas, new ways to mess with what we do. All kinds of fresh fuel to keep things crackling. I, for one, couldn't be any happier.

Gary

CAN YOU DIG IT?

You there. A rider of bikes, you.



At the very least, you're someone with interest enough to pick up this handsome book and investigate its pages.

Yes you are.

But the question this story asks is, Do you love riding mountain bikes? Do you love it enough, for instance, to give up your lucrative and respectable job and become professionally homeless for a term of two years so that you and your spouse can travel the country in search of needy trails and then teach the locals how to love those trails in such a way that the trails will never again become needy and audacious enough to ask for such attention?

Because that's exactly what Kristin Butcher and Ryan Schutz did. They are one of the Subaru/IMBA trail care crews. IMBA (stands for the International Mountain Bicycling Association, if you didn't know) is a non-profit educational association that's been preaching the mountain biking gospel since 1988. We caught up with Kristin and Ryan in Coon Rapids, Iowa, where they were in the midst of a re-routing and reclamation project on the Whiterock Trail system.

In their capacity as a Trail Care Crew, Kristin and Ryan arrive in the chosen town (Coon Rapids in this case) on a Thursday, courtesy of caffeine and a Subaru Outback provided by IMBA's long-time leading sponsor, Subaru. (It seems that Subaru actually does love mountain bikes). They spend Thursday and Friday meeting with land managers and trail users to assess the area's trail situation. Of critical importance to them is whether various types of users are getting what they want out of the trail – and whether they're playing nice together.

→ A piece of trail in need of attention is agreed upon and a mission is established. In the Whiterock situation, a fall line trail has badly eroded, as fall line trails often do. It was a perfect illustration of a point that Ryan made about one of the biggest challenges of trail building: it's counterintuitive. That's because people and animals alike want to go straight up and straight down hills. It just seems to make sense. Thing is, it doesn't make sense. At least not if you want the trail to last a while. What does make sense, however, is moving sideways on the hill. Therein lies the mission.

As Kristin and Ryan continue to meet with locals and do more planning, they explore what they affectionately refer to as the "weirdness of America." One of the best things about their job, they say, is meeting new friends. One of the worst things: leaving those new friends every Monday.

Saturday is work day. Local volunteers arrive for a three-hour class on all aspects of trail building. If three hours seems long, consider that the class shoves weeks (if not years) of information and knowledge into that session. When the class is over and the quizzes completed (no, that's not a joke), they head outside for the work. In Iowa, that work isn't as hard as it is in, say, the Southwest, where Kristin and Ryan learned that trail maintenance is synonymous with smashing tools into rocks.

The Whiterock project is a success. The fall line trail is rerouted. The old trail is covered. A layout is established for where the trail could go if the volunteers choose to take it there. It's gratifying work, not just because you can see the results, but because you know you've built something good, something that will last. The volunteers who do the work aren't just mountain bikers, either. There are horse riders, hikers, and all types of people who fit into the category called "People who think trails are a good idea." There is good will among the different camps. The IMBA mission is working. →

→ Central to the job is sustainability, and sustainability comes in many forms. A sustainable trail, for instance, is one that will require little or no maintenance. Ever.

A sustainable trail is also one that will serve the needs not just of bikers, but of hikers, horse riders, and fishermen, to name a few. If you don't build a trail properly, you will encourage ill will among different types of users. Ryan and Kristin say that you can tell a good trail because people smile at each other. This is not a corny sentiment but a truth that is proven time and time again.

Of course, a sustainable trail is one that will have minimum impact on the environment surrounding it.

Sometimes sustainability also means public relations. Often times a land manager will be leery of what singletrack trails will do to the land. As Kristin puts it, they get their beliefs about mountain biking from Mountain Dew commercials. But when land managers sit through the three-hour class and then see volunteers go out and put that knowledge to use, they realize something: mountain bikers care about the land. Mountain bikers realize that without the land, they'd just be riding through town. On roads. The realization is powerful enough to turn a land manager's ambivalence into enthusiasm.

And sometimes sustainability means taking a stand. Against stores and subdivisions. As Ryan says, a good trail is a constituency for nature. It takes people out into the woods and wows them. They fall in love. They become protective of what's there. They take care of it. They become people who don't want to see that land gobbled up by development.

Saturday's work is hard, but it's inspiring. It leads to beer. Partying it up in Coon Rapids.

Sunday is riding. Monday is moving on. It's a life that took some getting used to for two former members of the cubicle nation. It's also a life they wouldn't trade. →

→ To learn more about building sustainable trails, visit IMBA.com

→ To learn more about Subaru's commitment to the outdoors, visit Subaru.com/outdoorlife

WATTS 3

Fold 2-dimensional space and you get 3-dimensional space.
Fold 3-dimensional space and you get the Greg Watts backflip x-up.
Captured from above, below, and beyond in Aptos, baby.

THE KLUNKERS CIRCA 1974

Back in the day, between pushing your bike uphill and replacing broken parts, there wasn't much time left for riding. Our answer was The Klunker, which was a real departure from the bikes of the time (lightweight 10-speeds, English three-speeds, single-speed beach cruisers). We tricked out the Klunkers with wide-range gears, motorcycle components, and so on. Basically the most robust parts we could build, borrow, or steal.

Shown below in Red.

MOUNTAIN BIKES (as in Inc.) CIRCA 1979

One of the enduring legacies from this period is the term "Mountain Bikes." It's the name I came up with when Charlie Kelly and I started our company. This bike here is one of our first production models. To make them I lined up large quantities of parts from around the world. Tom Ritchey was our framebuilder. He could build 100 frames in three weeks which was a lot back then. We brought it all under one roof so you could pick a bike and take it home with you that day as opposed to waiting for a custom bike. We had people lined up out the door.

Shown below in Grey.

PROCALIBER CIRCA 1987

The Procaliber geometry was totally racer driven. We developed it specifically to work for our race team on the NORBA series. It was a real melding of road bike geometry and a cruiser bike and it just plain worked.

MT TAM CIRCA 1987

RockShox had just come out with their first fork and people were all over the place on whether it worked or was necessary. You could slap one on just about any bike but you'd alter the geometry. So I designed a frame entirely around the fork and put it out on a production bike and people dug it.

RS-1 CIRCA 1990

This bike really forwarded the theory that suspension could work on a mountain bike. I teamed with Mert Lawwill on this project and we brought together a whole bunch of people and companies with one goal in mind: Creating the ultimate suspension bike.

Shown below in Blue.

GENESIS CIRCA 1997

Genesis Geometry is what happened when we threw out all the givens in mountain bike design and started over. We put together extreme versions of bikes, ridiculous geometries, just so we could figure out what was really going on. And then we moved forward from this entirely new starting point. The result was a redistribution of the rider's weight which significantly improved climbing, descending, and handling.

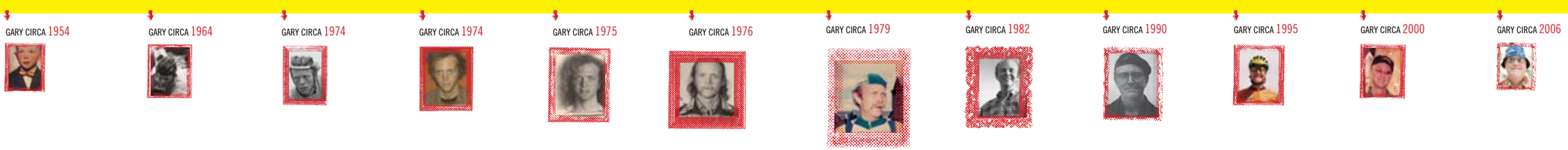
Shown below in Grateful Dead.

29ER CIRCA 2002

A century ago, when most roads weren't paved, the standard wheel size for a bicycle was 32 inches. Looking back now, it's easy to see that those guys were on to something. But over the years, the standard wheel size for off-road use shifted to 26 inches. Obviously a 26-inch wheel has its applications. But still: rock big, wheel small. So we developed the 29er and basically flipped that equation around.

Shown below in Blue.

FISHER EVOLVES



THE EVOLUTION ROLLS ON

Ever since it hit, Genesis Geometry has been the industry standard for climbing, descending, and handling at speed. Now here comes G2: a big step forward in the evolution of that standard.

As mountain biking continues to evolve, Fisher evolves to stay ahead of it. Since the introduction of Genesis Geometry in the mid 90s, purpose-built mountain bike trails have grown exponentially. Trails have gotten more technical and tighter structure is now commonplace. This makes slower-speed handling more important than ever. The goal of G2 was to keep ahead of the trails—and create a bike that handles better for the way people ride today.

To affect slow-speed handling, we started to experiment with the amount of "trail" we built into the front end. Specifically, we were looking to reduce the bike's trail without screwing up everything else. (Wha? "Trail"? See below.)

One of the big variables that affects trail is the fork offset. But when we looked at the stock offsets from all the major fork companies, they were all within 1mm of each other. So we called Keith Bontrager, who was familiar with custom offsets from his rigid-fork-building days. With his direction, we talked to Manitou and they agreed to work with us in prototyping forks with different custom offsets that we could experiment with.

Before long we had a pretty big test crew: guys from Bontrager, Manitou, and Fisher; 16 of us in all. We did a ton of blind test rides with different offset options. In the end, one offset was the overwhelming favorite. G2 was born: A totally custom front end. A breakthrough in how mountain bikes handle. All the benefits of Genesis Geometry, with substantially improved handling in slow, tight terrain.

Dialed to handle better.

TRAIL

Less trail means better handling at slow speeds. G2, with its custom offset fork, creates less trail while maintaining Genesis' longer wheelbase for high speed stability.

Trail is determined by head tube angle and fork offset. It's the measurement of how far a wheel's contact patch lags behind the steering axis. With too little trail, the wheel is unstable because any small outside force, like a rock, will move the wheel out of line. With too much trail you get sluggish steering because the wheel requires too much force to change direction. The sweet spot is to find just the right amount. The sweet spot is G2.

TRAIL ON THE TRAIL

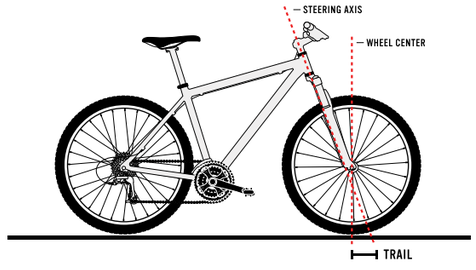
The difference between too much trail and too little becomes obvious when you're riding. Although the effect is similar for both slow- and high-speed handling, it's more pronounced at slow speeds.

So dig...here comes a sharp turn:

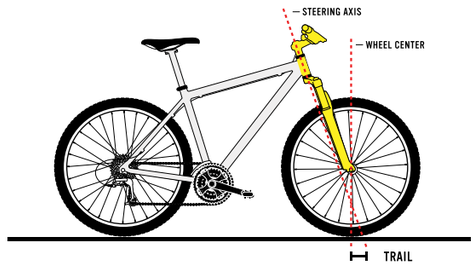
With too much trail, your bike doesn't steer easily. You're going to overshoot the turn and need to adjust significantly unless you scrub speed.

With too little trail, the bike is twitchy. You're going to oversteer and, as a result, take the corner too tight, and too slow, and most likely, dab to the inside.

With G2, you get a good neutral sense of steering throughout the turn at any speed.

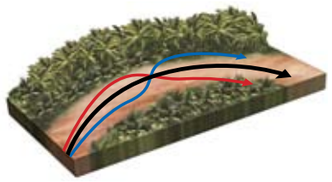


MORE TRAIL

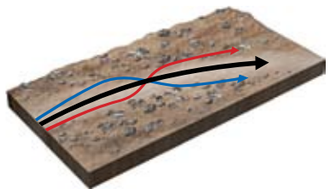


LESS TRAIL (G2)

SLOW-SPEED HANDLING



HIGH-SPEED HANDLING



Too Much Trail–Understeer
G2
Too Little Trail–Oversteer

CLASS DISMISSED.
GO RIDE.

BIKES

Behold The New. We're all for a sense of history. But it gets old after a while. In the end, *what was* is nothing but fuel for *what is*. And *what is*, is nothing but fuel for *what's next*.

So What's Next? Read on, inquisitive one.

29ERS

Fig. 15

It's all about the big Mo. Momentum, that is. You see, 29" wheels are bigger than 26" wheels. And the bigger the wheel, the smaller (relatively speaking) the stuff the wheel rides over. Which brings us back to momentum. Pepperdine University found that 29" wheels ride 6 percent faster on uphill courses and 3 percent faster on cross-country courses than their 26" cousins.* This happens because 29er wheels are less affected by dips, bumps, and soft terrain than smaller wheels. Oh, and our design helps stability by lowering the rider's center of gravity in relation to the axle. So, to summarize, 29" wheels equal increased momentum. Increased momentum equals more speed. More speed equals profound joy and happiness due to more trail ridden by sundown.

*Source: Summary of the Gary Fisher Bicycles Two-Niner Project Submitted by Holden S-H. MacRae, Ph.D.

FIGURE
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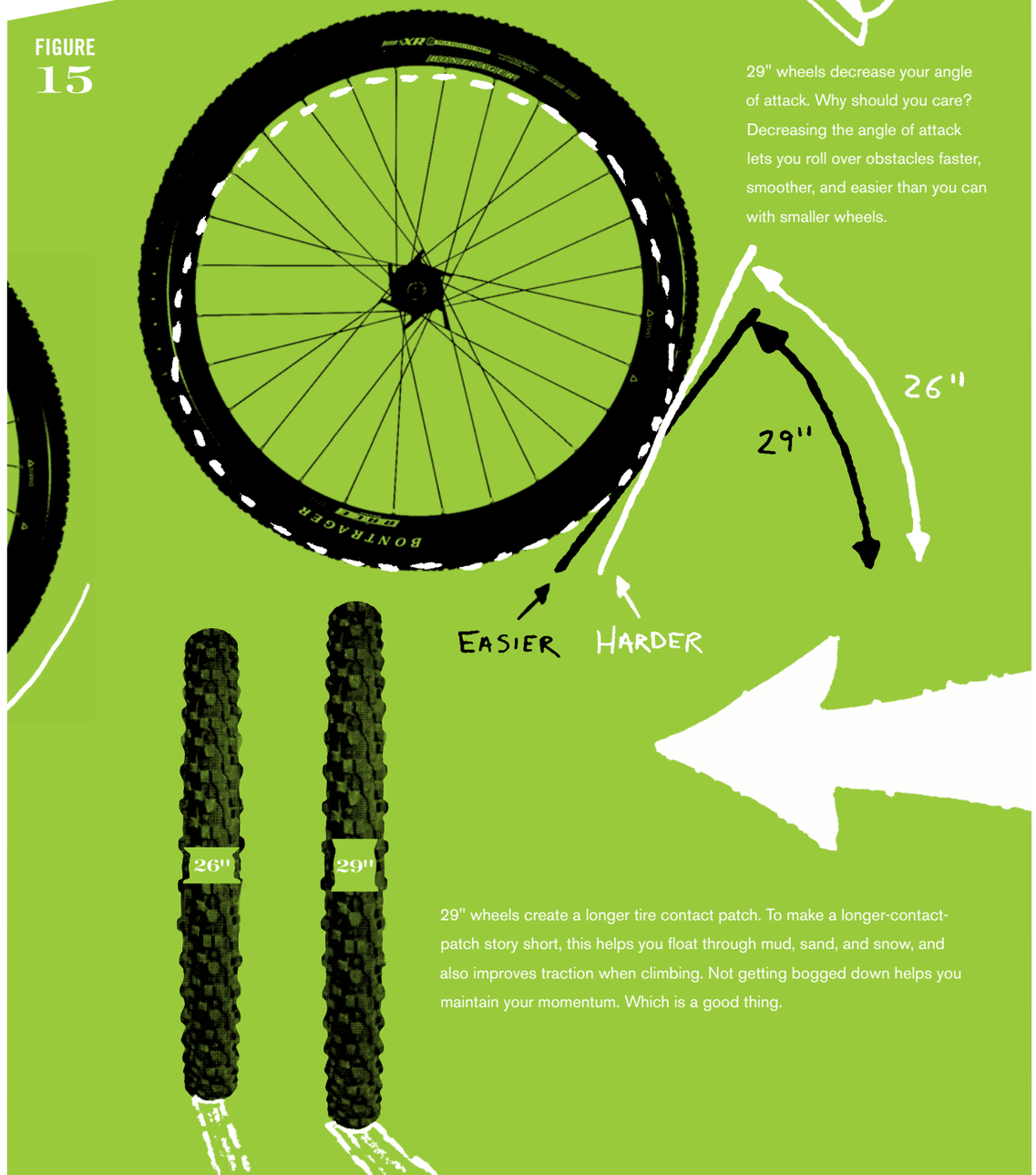


29" wheels decrease your angle of attack. Why should you care? Decreasing the angle of attack lets you roll over obstacles faster, smoother, and easier than you can with smaller wheels.

29" wheels create a longer tire contact patch. To make a longer-contact-patch story short, this helps you float through mud, sand, and snow, and also improves traction when climbing. Not getting bogged down helps you maintain your momentum. Which is a good thing.

SUPERCALIBER 29

// Frame Fisher Race Day 6066 T6 aluminum main frame | Genesis 29" Geometry **Wheels** Bontrager Race Disc 29 | Bontrager Jones XR 29x2.25/2.2 tires **Suspension** RockShox Reba Race Air 29, 80mm travel | Manitou S-Type SRL **Componentry** SRAM X.9 rear derailleur & shifters + Shimano LX front derailleur | Bontrager Race GXP 44/32/22 crank | Avid Juicy 5 hydraulic disc brakes **Sizes** SM (16") | MD (17.5") | LG (19") | XL (21") **Color** Silver/Fisher Dry Black

CALIBER 29

// Frame Fisher Race Day 6066 T6 aluminum main frame | Genesis 29" Geometry **Wheels** Bontrager SuperStock Disc 29 | Bontrager Jones XR 29x2.25/2.2 tires **Suspension** RockShox Reba SL Air 29, 80mm travel | Manitou Radium RL **Componentry** SRAM X.7 rear derailleur & shifters + Shimano LX front derailleur | Shimano Deore M540 Hollowtech 44/32/22 crank w/XT spline | Avid BB7 mechanical disc brakes **Sizes** SM (16") | MD (17.5") | LG (19") | XL (21") **Color** Silver/Fisher Dry Lime

PARAGON

// Frame Platinum Series ZR9000 internally and externally butted aluminum | Genesis 29" Geometry **Wheels** Bontrager Race Disc 29 | Bontrager Jones XR 29x2.25/2.2 tires **Suspension** RockShox Reba Race Air 29 | 80mm travel **Componentry** SRAM X.9 rear derailleur & shifters + Shimano XT front derailleur | Bontrager Race GXP 44/32/22 crank | Avid Juicy 5 hydraulic disc brakes **Sizes** SM (15.5") | MD (17.5") | LG (19") | XL (21") **Color** Fisher Pearl Red

FERROUS 29

// Frame True Temper OX Platinum 29 w/eccentric bottom bracket **Wheels** Bontrager Race Disc 29 | Bontrager Jones ACX 29x2.2 tires **Suspension** RockShox Reba Race Air 29 | 80mm travel **Componentry** SRAM X.9 rear derailleur & shifters + Shimano LX front derailleur | Bontrager Race Lite 44/32/22 crank | Avid BB7 mechanical disc brakes **Sizes** SM (15.5") | MD (17.5") | LG (19") | XL (21") **Color** Devo Blue

X-CALIBER

// Frame Platinum Series ZR9000 internally and externally butted aluminum | Genesis 29" Geometry **Wheels** Bontrager SuperStock Disc 29 | Bontrager Jones XR 29x2.25/2.2 tires **Suspension** RockShox Reba SL Air 29 | 80mm travel **Componentry** SRAM X.7 rear derailleur & shifters + Shimano Deore front derailleur | Shimano Select 44/32/22 crank | Avid BB7 mechanical disc brakes **Sizes** SM (15.5") | MD (17.5") | LG (19") | XL (21") **Color** Silver

COBIA

// Frame Platinum Series ZR9000 internally and externally butted aluminum | Genesis 29" Geometry **Wheels** Shimano M475 disc hubs | Bontrager Ranger Disc rims | Bontrager Jones XR 29x2.25/2.2 tires **Suspension** RockShox Tora 318 Air 29 | 80mm travel **Componentry** Shimano Deore rear derailleur & shifters & front derailleur | Shimano M442 Octalink 44/32/22 crank | Avid BB5 mechanical disc brakes **Sizes** SM (15.5") | MD (17.5") | LG (19") | XL (21") **Color** Pearl Reflex Blue

RIG

// Frame Platinum Series ZR9000 SS internally and externally butted aluminum w/eccentric bottom bracket | Genesis 29" Geometry **Wheels** Bontrager Race 29 Disc SS | Bontrager Jones XR 29x2.25/2.2 tires **Suspension** RockShox Reba SL Dual Air 29 | 80mm travel **Componentry** Bontrager Race Lite SS 32t crank | Avid BB7 mechanical disc brakes **Sizes** SM (15.5") | MD (17.5") | LG (19") | XL (21") **Color** Pearl Black

Also available as a frameset.

FULL SUSPENSION

Fisher full-suspension designs continue to evolve and improve at an impressive pace. As do your choices. Whether for flowing cross-country expeditions or epic freeride sessions, there's a full-suspension bike made specifically for the way you want to ride.

When technology meets variety, things can start to get complicated. But Gary chooses to keep it simple. And when it comes to full-suspension systems, simple means single pivot. Compared to other setups, a single pivot is lighter, stiffer, and easier to maintain. All good things, Gary thinks. And he's thought about it a lot, having made full-suspension bikes longer than anyone else on the planet.

FIG. 21

It's a bold statement to say that the new Fisher Race Day is the fastest Fisher ever. But Gary is a bold guy, and the Race Day is a whole new race platform. Making a great full-suspension race bike is a balance of contradictions. It has to be very efficient, very laterally stiff. It also has to be light and responsive. Tricky – but give Gary and a few good engineers enough time and caffeine, and barriers start to fall.

Go single pivot, because multiple pivots add flex and weight. Maximize the tubing size, and the width of the interface between the mainframe and the swingarm. Wider is stiffer and does not add weight. Design a linear shock progression to make it easy to set up, ride predictably, and use all of the travel effectively. Dial it in to match Genesis Geometry when a rider is sagged into the suspension, not when the bike is sitting on the shop floor. How about a narrow Q-factor, similar to that of a road bike? It's a more efficient pedaling stance.

The beauty of the Race Day platform is not one big revolution, but rather the compilation of everything Gary has learned over the years in one ultimate platform. It's twenty or more small innovations, all combined for the first time in one comprehensive design that is fast. Very fast.
(1) Formed gussets and main tubes increase stiffness (2) Elevated chainstays for no chainstay jam (3) Easy to tune, linear compression rate (4) Clearance for a 2x9 ultra-low-Q-factor drivetrain (5) Single pivot for the lightest, lowest-maintenance suspension system (6) Laterally stiff, extra-wide, mechanically fastened bearings (7) Sagged-in Geometry matches Genesis hardtails

PROCALIBER

// Frame Fisher Race Day 6066 T6 aluminum main frame | Genesis Geometry **Wheels** Bontrager Race Lite Disc | Bontrager Jones XR 26x2.25/2.2 tires **Suspension** RockShox SID World Cup, 80mm travel | Manitou S-Type SRL **Componentry** SRAM X.0 rear derailleur & shifters + Shimano XTR front derailleur | Bontrager Race X Lite Carbon GXP 44/32/22 crank | Avid Juicy 7 hydraulic disc brakes **Sizes** SM (16") | MD (17.5") | LG (19") | XL (21") **Color** Silver/Fisher Dry Blue

Also available as a frameset.

// Frame Fisher Race Day 6066 T6 aluminum main frame | Genesis Geometry **Wheels** Bontrager Race Disc | Bontrager Jones XR 26x2.25/2.2 tires **Suspension** Manitou R7 Super w/lockout, 80mm travel | Manitou S-Type SRL **Componentry** Shimano XT rear derailleur + LX shifters & front derailleur | Bontrager Race GXP 44/32/22 crank | Avid Juicy 5 hydraulic disc brakes **Sizes** SM (16") | MD (17.5") | LG (19") | XL (21") **Color** Silver/Fisher Dry Red

SUPERCALIBER

// Frame Fisher Race Day 6066 T6 aluminum main frame | Genesis Geometry **Wheels** Bontrager Select Disc | Bontrager Jones XR 26x2.25 tires **Suspension** Manitou R7 Comp w/lockout, 80mm travel | Manitou Radium RL **Componentry** Shimano LX rear derailleur + Deore shifters & front derailleur | Shimano Deore M540 Hollowtech 44/32/22 crank w/XT spline | Avid BB7 mechanical disc brakes **Sizes** SM (15.5") | MD (17.5") | LG (19") | XL (21") **Color** Silver/Fisher Dry Orange

CALIBER

HIFI

Fig. 24

All new from the ground up, the HiFi represents a significant leap forward for the Fisher line. It starts with G2 Geometry, the first-ever update to Gary's original Genesis Geometry. In other words, it's the Famous Fisher Feel, fine tuned. G2 uses a custom offset fork to improve the handling characteristics of the bike at slow speeds, while maintaining the stability that Genesis Geometry provides at high speeds. Add in the lightest-weight full-suspension frame in the entire Fisher line, and you have the formula for the next generation of full-suspension trail bikes.

(1) Genesis 2 (G2) Geometry for improved technical handling (2) The lightest full-suspension frame Fisher has ever made (3) Shaped and butted tubes for an efficient ride (4) 110 gsm OCLV® carbon seatstays (5) Linkage-activated pivot system (6) Cartridge bearings press-fit into the main pivot, the dropout, and the link (7) Quadruple FourBarrel™ bearing dropout pivots (8) Precision-machined swingarm-mounted main pivot system

// Frame HiFi Platinum Series 6061 T6 butted and formed aluminum | Disc specific | G2 Geometry | Asymmetric swingarm with FourBarrel™ dropout pivots **Wheels** Bontrager Race Lite Disc | Bontrager Jones XR 26x2.25/2.2 tires **Suspension** Manitou Minute Super Air w/lockout, 120mm travel | Fox RP23 **Componentry** Shimano XTR rear derailleur + LX shifters & front derailleur | Shimano XT 44/32/22 crank | Avid Juicy 7 hydraulic disc brakes **Sizes** SM (16") | MD (17.5") | LG (19") | XL (21") **Color** Matte Prime Blue

HIFI PRO

// Frame HiFi Platinum Series 6061 T6 butted and formed aluminum | Disc specific | G2 Geometry | Asymmetric swingarm with FourBarrel™ dropout pivots **Wheels** Bontrager Race Disc | Bontrager Jones XR 26x2.25/2.2 tires **Suspension** Manitou Minute Comp Air, 120mm travel | Fox RP3 **Componentry** Shimano XTR rear derailleur + LX shifters & front derailleur | Bontrager Race GXP 44/32/22 crank | Avid Juicy 5 hydraulic disc brakes **Sizes** SM (16") | MD (17.5") | LG (19") | XL (21") **Color** Matte Gun Metal

HIFI DELUXE

// Frame HiFi Platinum Series 6061 T6 butted and formed aluminum | Disc specific | G2 Geometry | Asymmetric swingarm with FourBarrel™ dropout pivots **Wheels** Bontrager Select Disc | Bontrager Jones XR 26x2.25/2.2 tires **Suspension** Manitou Relic Super Air w/lockout, 120mm travel | Fox RP3 **Componentry** Shimano XT rear derailleur + Deore shifters & front derailleur | Shimano Deore M540 Hollowtech 44/32/22 crank w/XT spline | Avid Juicy 3 hydraulic disc brakes **Sizes** SM (16") | MD (17.5") | LG (19") | XL (21") **Color** Matte Bright Silver

HIFI PLUS

// Frame HiFi Platinum Series 6061 T6 butted and formed aluminum | Disc specific | G2 Geometry | Asymmetric swingarm with FourBarrel™ dropout pivots **Wheels** Shimano M475 hubs | Bontrager Ranger rims | Bontrager Jones XR 26x2.25/2.2 tires **Suspension** Manitou Relic Comp w/lockout, 120mm travel | Fox RP3 **Componentry** Shimano Deore rear derailleur, shifters & front derailleur | Shimano M442-8 Octalink 44/32/22 crank | Avid BB5 mechanical disc brakes **Sizes** SM (16") | MD (17.5") | LG (19") | XL (21") **Color** Matte Chi Red

HIFI

FAT POSSUM

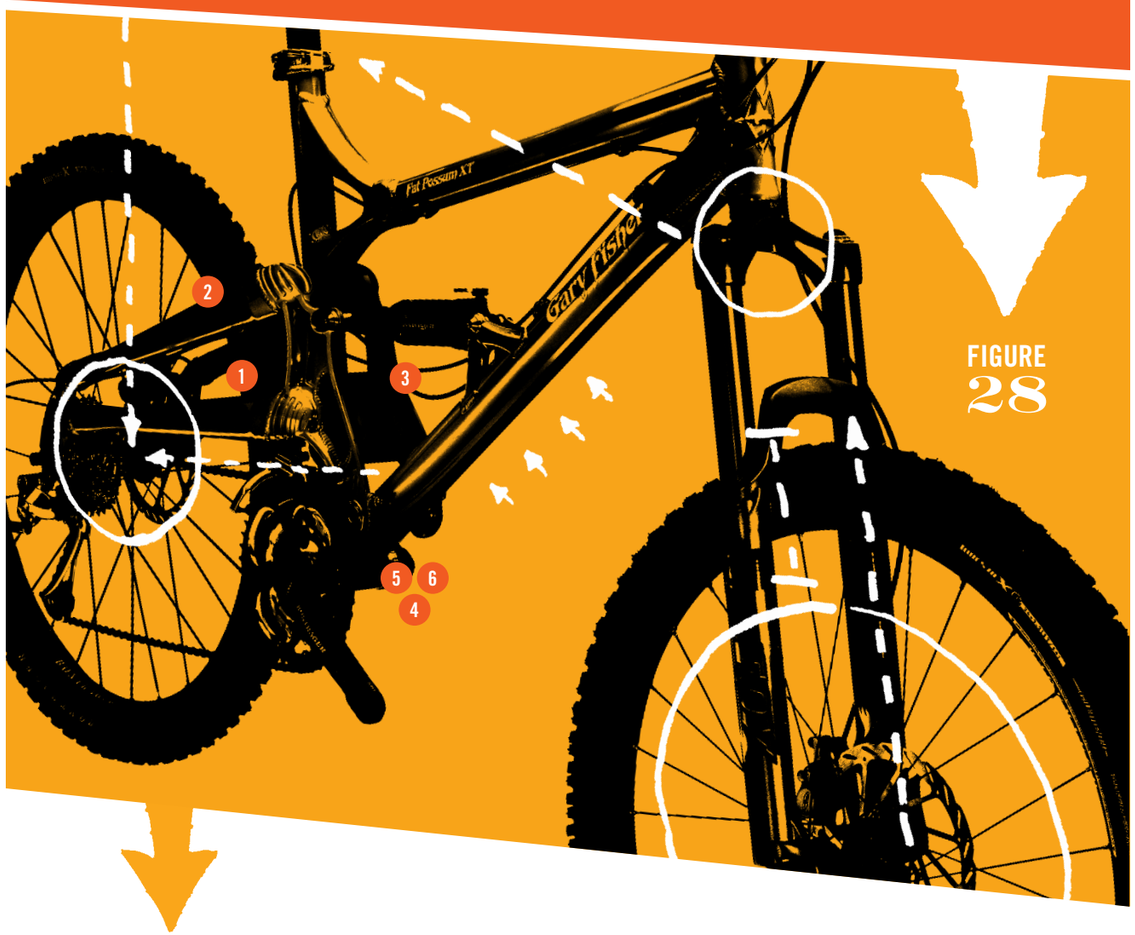


FIGURE 28

Fig. 28

Disappear. Escape. Ride. Fisher is here to help you explore the wilds of your cycling imagination. The Fat Possum is the all-day adventure bike you've been waiting for. It's light and simple, yet elegant, plush, and efficient. It's everything you want a bike to be. Put it on your car and drive to where the road ends, or ride it out the back door. Get on your bike and find that place that others can't. Use the latest technology to explore the primitive. That is the essence of the mountain bike.

(1) Elevated chainstays for no chain jams (2) Welded swingarm is perfectly aligned in the factory, and adjustable in the field (3) Forged pivot assembly and tubular swingarm for outstanding rear-wheel tracking (4) Externally fastened bearing assembly is extra wide for lateral stiffness (5) Bearings are externally and mechanically fastened for durability and easy maintenance (6) Huge 38mm OD cartridge bearings distribute the pivot load over a large area

// Frame Platinum Series ZR9000 externally butted aluminum main | 6061 T6 aluminum swing | Genesis All Mountain Geometry **Wheels** Bontrager Rhythm Elite | Bontrager Jones ACX 26x2.35 tires **Suspension** Manitou Nixon Platinum Intrinsic, 145mm travel | Manitou Swinger X3 **Componentry** SRAM XO rear derailleur & shifters + Shimano XT front derailleur | Bontrager Race Lite GXP 44/32/22 crank | Avid Juicy 7 hydraulic disc brakes **Sizes** SM (16") | MD (17.5") | LG (19") | XL (21") **Color** Metallic Black

Also available as a frameset.

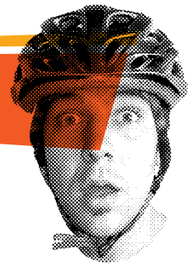
FAT POSSUM XO

FAT POSSUM XT

// Frame Platinum Series ZR9000 externally butted aluminum main | 6061 T6 aluminum swing | Genesis All Mountain Geometry **Wheels** Bontrager Rhythm Comp | Bontrager Jones ACX 26x2.35 tires **Suspension** Fox Float RLC, 140mm travel | Manitou Swinger X3 **Componentry** Shimano XT rear derailleur + LX shifters & front derailleur | Bontrager Race GXP 44/32/22 crank | Avid Juicy 5 hydraulic disc brakes **Sizes** SM (16") | MD (17.5") | LG (19") | XL (21") **Color** Light Gray

// Frame Platinum Series ZR9000 externally butted aluminum main | 6061 T6 aluminum swing | Genesis All Mountain Geometry **Wheels** Bontrager Select Disc | Bontrager Jones ACX 26x2.35 tires **Suspension** Fox Float RL, 140mm travel | Manitou Swinger X3 **Componentry** Shimano LX rear derailleur + Deore shifters & front derailleur | Shimano Deore M540 Hollowtech 44/32/22 crank w/XT spline | Hayes HFX 9 hydraulic disc brakes **Sizes** SM (16") | MD (17.5") | LG (19") | XL (21") **Color** Prime Blue

FAT POSSUM LX



KING FISHER

FIGURE 32

Fig. 32

Some of the greatest advancements in mountain biking over the last decade haven't been in bike technology, but in trail artistry. Mountains are transforming into bike playgrounds, and the King Fisher is made for those trails. It is designed to be able to pedal along the trail, even up it. And when you get to that technical section, you have the tool at your fingertips to master it.

(1) Replaceable rear dropouts allow rider to choose from a through axle, standard quick release, or floating caliper wheel/frame interface while eliminating the need for a replaceable derailleur hanger. (2) 7" of plush, tunable travel front and rear that can be dialed in to suit any riding style. (3) Pivot bearings have been moved outboard and are captured in the swingarm to provide a wider, more robust stance for the bearings and to reduce maintenance issues. (4) Top and down tubes are heavily manipulated to add superior strength where it's needed and to reduce frame weight wherever possible. (5) Junction between top tube and seat tube is gusseted for rock-solid strength for no "surprise" landings. (6) Geometry features a slack head tube and a less-slack seat tube in order to maintain rider's center of gravity and make it easier to pedal.

KING FISHER 1

// Frame King Fisher ZR9000 aluminum | Hydroformed top and downtube | 1.5" externally reinforced headtube | 6061 T6 aluminum swingarm | External 38mm OD cartridge bearings with eccentric cam | Replaceable dropouts **Wheels** Bontrager King Earl w/20mm thru-axle | Bontrager Big Earl 26x2.5 tires w/SCC **Suspension** Manitou Travis Single Intrinsic, 180mm travel | Fox DHX 4.0 coil **Componentry** SRAM X.0 rear derailleur + X.0 Trigger shifters + Shimano M761 XT front derailleur | Bontrager King Earl 32/22 crank w/Rock Ring | Hayes HFX MAG 8" hydraulic disc brakes **Sizes** SM (15.5") | MD (17.5") | LG (19") **Color** Matte Prime Blue

KING FISHER 2

// Frame King Fisher ZR9000 aluminum | Hydroformed top and downtube | 1.5" externally reinforced headtube | 6061 T6 aluminum asymmetric swingarm | External 38mm OD cartridge bearings with eccentric cam | Replaceable dropouts **Wheels** Bontrager Earl w/20mm thru-axle | Bontrager Big Earl 26x2.5 tires w/SCC **Suspension** Manitou Travis Single TPC, 180mm travel | Fox DHX 4.0 coil **Componentry** SRAM X.9 rear derailleur + X.7 Trigger shifters + Shimano M580 LX front derailleur | Bontrager Big Earl 32/22 crank w/Rock Ring | Hayes HFX MAG 8" hydraulic disc brakes **Sizes** SM (15.5") | MD (17.5") | LG (19") **Color** Gunmetal Blue

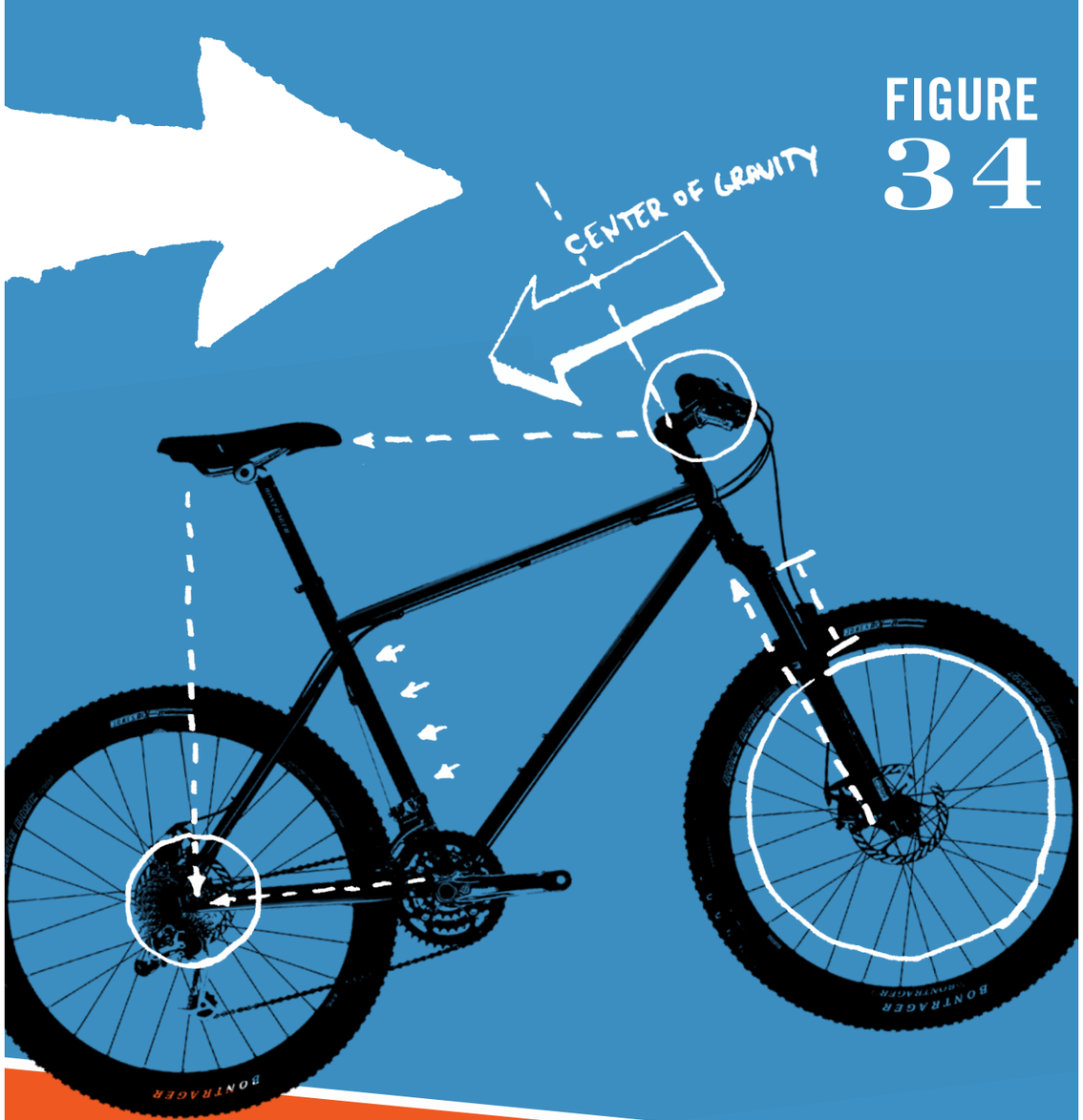


FIGURE 34

HARDTAILS

Why a hardtail in this age of amazing full-suspension designs? Because there's an undeniable purity in a hardtail, a hardwired connection to the dirt. It may seem old-school to some, but it will never go out of style. In fact, when you see Gary out on the trail these days, he's probably on a hardtail.

GENESIS HARDTAILS

FIG. 34

Gary's Genesis Geometry designs are light, agile, responsive, and engineered to make average riders good and good riders even better. How does Genesis Geometry work? It places the rider's center of gravity in position for better climbing and more confident descending. Bottom line, Genesis Geometry is cold, hard science that rides like magic.

CLIMB.
By shortening the chainstays, Genesis Geometry concentrates more of your weight on the rear wheel, aiding traction.

DESCEND.
Genesis Geometry moves your center of gravity further behind the front wheel so you're less likely to go over the handlebars.

STEER.
A shorter stem requires less hand movement to steer, creating more precise maneuvering.

MAINTAIN.
Your normal riding position is maintained to keep you comfortable.

FERROUS

// **Frame** True Temper OX Platinum w/eccentric bottom bracket **Wheels** Bontrager Race Disc | Bontrager Jones ACX 26x2.2 tires **Suspension** RockShox Revelation 409 Dual Air | 115mm travel **Componentry** SRAM X.9 rear derailleur & shifters + Shimano M580 front derailleur | Bontrager Race Lite GXP 44/32/22 crank | Avid BB7 mechanical disc brakes **Sizes** SM (15.5") | MD (17.5") | LG (19") | XL (21") **Color** Gloss Orange

BIG SUR

// **Frame** Platinum Series ZR9000 internally and externally butted aluminum | Genesis Geometry **Wheels** Bontrager Select Bontrager Jones XR 26x2.25/2.2 tires **Suspension** Fox F100 FRL w/lockout | 100mm travel **Componentry** Shimano XT rear derailleur + LX shifters & front derailleur | Shimano LX crank | Avid Juicy 3 hydraulic disc brakes **Sizes** SM (15.5") | MD (17.5") | LG (19") | XL (21") **Color** Matte Silver/Matte Black

HOO KOO E KOO

// **Frame** Platinum Series ZR9000 internally and externally butted aluminum | Genesis Geometry **Wheels** Shimano M525 disc hubs | Bontrager Ranger Disc rims | Bontrager Jones XR 26x2.25/2.2 tires **Suspension** Manitou Sliver Super w/lockout | 100mm travel **Componentry** Shimano M571 rear derailleur + LX shifters + M580 front derailleur | Shimano Deore M540 Hollowtech Octalink 44/32/22 crank | Avid Juicy 3 hydraulic disc brakes **Sizes** XS (13") | SM (15.5") | MD (17.5") | LG (19") | XL (21") **Color** Metallic Silver/Metallic Blue

// **Frame** Gold Series 6061 T6 internally and externally butted aluminum | Genesis Geometry **Wheels** Shimano M525 disc hubs | Bontrager Ranger Disc rims | Bontrager Jones XR 26x2.25/2.2 tires **Suspension** Manitou Slate Super w/lockout | 100mm travel **Componentry** Shimano LX rear derailleur + Deore shifters & front derailleur | Shimano M442-8 Octalink 44/32/22 crank | Hayes Sole XC hydraulic disc brakes **Sizes** XS (13") | SM (15.5") | MD (17.5") | LG (19") | XL (21") **Color** Chi Red/Metallic Black

TASSAJARA DISC

TASSAJARA

// **Frame** Gold Series 6061 T6 internally and externally butted aluminum | Genesis Geometry **Wheels** Shimano M525 disc hubs | Bontrager Camino rims | Bontrager Jones XR 26x2.25/2.2 tires **Suspension** Manitou Slate Super w/lockout | 100mm travel **Componentry** Shimano LX rear derailleur + Deore shifters & front derailleur | Shimano M442-8 Octalink 44/32/22 crank | Avid SD3 brakes **Sizes** XS (13") | SM (15.5") | MD (17.5") | LG (19") | XL (21") **Color** Metallic Black/Metallic Yellow | Chi Red/Metallic Black (shown above on Tassajara Disc)

PIRANHA

// **Frame** Gold Series 6061 T6 internally and externally butted aluminum | Genesis Geometry **Wheels** Shimano M475 disc hubs | Bontrager Ranger Disc rims | Bontrager Jones XR 26x2.25/2.2 tires **Suspension** Manitou Axel Elite w/TPC Lockout | 100mm travel **Componentry** Shimano Deore rear derailleur & shifters + Alivio front derailleur | Shimano M410 42/32/22 crank | Avid BB5 mechanical disc brakes **Sizes** XS (13") | SM (15.5") | MD (17.5") | LG (19") | XL (21") **Color** Candy Blue/Metallic Black

MARLIN

// **Frame** Gold Series 6061 T6 internally and externally butted aluminum | Genesis Geometry **Wheels** Alloy front w/RM60 rear hub | Bontrager Camino rims | Bontrager Jones XR 26x2.25/2.2 tires **Suspension** Manitou Axel Elite w/TPC Lockout | 100mm travel **Componentry** Shimano Deore rear derailleur & Alivio shifters & front derailleur | Bontrager Sport 42/32/22 crank | Avid SD3 V brakes **Sizes** XS (13") | SM (15.5") | MD (17.5") | LG (19") | XL (21") **Color** Metallic Black/Metallic Orange | Metallic Black/Ball Burnished

WAHOO DISC

// Frame Gold Series 6061 T6 internally and externally butted aluminum | Genesis Geometry **Wheels** Shimano M65 hubs | Bontrager Ranger Disc rims | Bontrager Jones XR 26x2.25/2.2 tires **Suspension** RockShox Dart 1 w/preload | 100mm travel **Componentry** Shimano Deore rear derailleur & EF50 shifters & Acera front derailleur | Shimano M341 42/32/22 crank | Shimano M465 mechanical disc brakes **Sizes** XS (13") | SM (15.5") | MD (17.5") | LG (19") | XL (21") **Color** Metallic Black/Warm Silver Metallic

// Frame Gold Series 6061 T6 internally and externally butted aluminum | Genesis Geometry **Wheels** Alloy front hub w/ Shimano RM60 rear hub | Bontrager Camino rims | Bontrager Jones XR 26x2.25/2.2 tires **Suspension** RockShox Dart 1 w/preload | 100mm travel **Componentry** Shimano Alivio rear derailleur + EF50 shifters + Acera front derailleur | Shimano MC09 42/32/22 crank | Tektro V brakes **Sizes** XS (13") | SM (15.5") | MD (17.5") | LG (19") | XL (21") **Color** Metallic Black/ Metallic Red | Metallic Black/Warm Silver Metallic (shown above on Wahoo Disc)

WAHOO

CLASSIC HARDTAILS

Gary Fisher Classic Hardtails are for riders who simply want a reliable mountain bike. They're looking for durable. They're looking for affordable. They're looking for a fun bike that will get them around for a long time. And these bikes do all that. They feature many of the same components, materials, and technologies found on higher-performance Fisher bikes.

// Frame Silver Series aluminum ATB **Wheels** Alloy front hub w/Shimano RM30 rear hub | Matrix 550 rims | Bontrager Connection Trail 26x2.0 tires **Suspension** RST Capa T7 w/preload | 75mm travel **Componentry** Shimano Alivio rear derailleur + EF50 shifters + C050 front derailleur | SR XCC-102 42/34/24 crank | Tektro V brakes **Sizes** XS (13") | SM (16") | MD (18") | LG (19.5") | XL (21.5") | Stepthrough XS (13") | Stepthrough SM (16") | Stepthrough MD (18") **Color** Metallic Black/Cream Pearl | Pearl White/Metallic Silver

ADVANCE

TARPON

// Frame Silver Series aluminum ATB **Wheels** Alloy hubs | Matrix 550 rims | Bontrager Connection Trail 26x2.0 tires **Suspension** RST 191 C7 | 63mm travel **Componentry** Shimano Acera rear derailleur & EF50 shifters & C051 front derailleur | SR XCC-T208 42/34/24 crank | Tektro V brakes **Sizes** XS (13") | SM (16") | MD (18") | LG (19.5") | XL (21.5") | Stepthrough XS (13") | Stepthrough SM (16") | Stepthrough MD (18") **Color** Metallic Black/Metallic Green | Metallic Black/Metallic Blue

// Frame Silver Series aluminum ATB **Wheels** Alloy hubs | Matrix 550 rims | Bontrager Connection Trail 26x2.0 tires **Fork** Hiten ATB **Componentry** Shimano TX50 rear derailleur + EF50 shifters + C051 front derailleur | SR XCC-T208 42/34/24 crank | Tektro V brakes **Sizes** XS (13") | SM (16") | MD (18") | LG (19.5") | XL (21.5") | Stepthrough XS (13") | Stepthrough SM (16") | Stepthrough MD (18") **Color** Metallic Yellow/Metallic Blue | Metallic Black/Metallic Charcoal

MAKO

BIGG'NS HARDTAILS

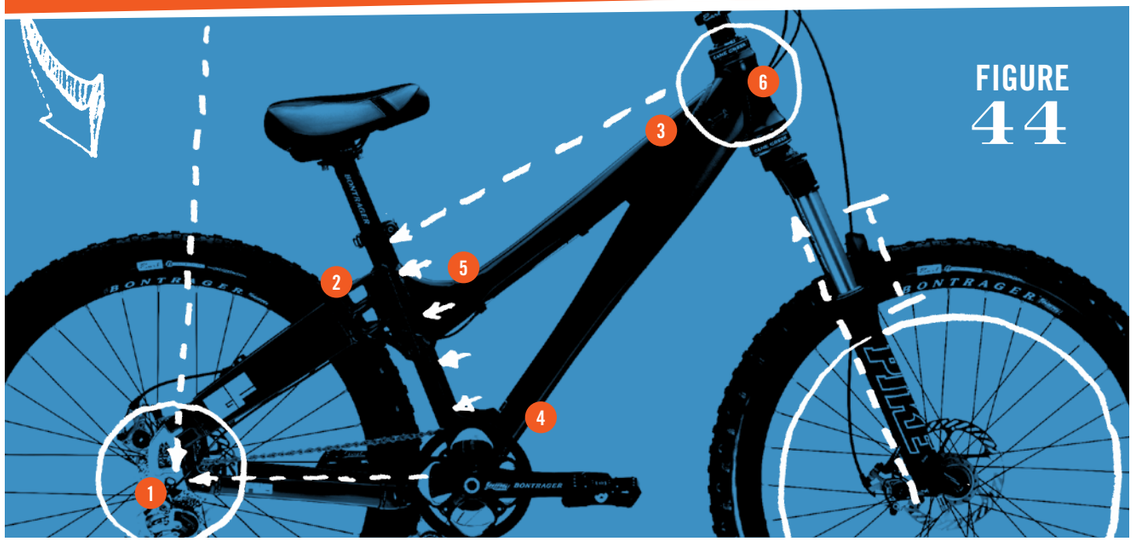


FIG. 44

Dirt, street, trail – you choose. Bigg'ns is built for riders who see every terrain as their personal playground. They are light, yet super-robust, simple, yet refined. We've done many versions of these bikes and shown them to the best riders in the world. Without those riders, bikes like the PhD would be just a freeride daydream. The best demand a bike for every trick in the bag, and we know how to make it happen. Give them prototypes. Let them ride. Listen to the feedback and make the necessary changes. Repeat as necessary. The result? Freeride maximus. A perfect example of the Fisher process in action: riding, listening, dialing it in.

(1) Replaceable rear dropouts, just in case (2) Cable routing through the stays to reduce interference with midair rider (3) Modified King Fisher front triangle mated to robust box section rear (4) Replaceable stainless steel bash guards for grinding (5) Extremely low standover height for clearance when doing tricks (6) 1.5" reinforced headtube for best-in-class front-end stiffness Model Shown: PhD

PHD

// Frame PhD oversized ZR9000 and 6061 aluminum | 1.5" reinforced headtube | Box section stay | Replaceable dropouts **Wheels** Bontrager King Earl w/20mm thru-axle | Bontrager Urban Earl 26x2.0 tires **Suspension** RockShox Pike 409 Coil U-Turn | 95-140mm travel **Componentry** SRAM X.9 rear derailleur + X.7 Trigger shifter | Bontrager King Earl 38t crank w/Truvativ BoxGuide | Avid BB7 6" mechanical disc brakes **Sizes** SM | MD | LG **Color** Commando Green

Also available as a frameset.

BITTER

// Frame Bigg'ns 6061 straight gauge aluminum | Reinforced headtube | Box section top & downtubes | Manipulated seat & chainstays | Cold-forged dropouts **Wheels** Shimano M475 disc hubs | Sun Ditchwitch alloy rims | Bontrager Earl 26x2.4 tires **Suspension** Manitou Splice Super w/rapid-travel winddown, 100-130mm travel **Componentry** Shimano Deore rear derailleur & shifters + Alivio front derailleur | Bontrager Earl 32/22 crank w/bash guard | Hayes Sole XC hydraulic disc brakes **Sizes** XS (13") | SM (15.5") | MD (17.5") | LG (19") **Color** Metallic Silver

MULLET SINGLE SPEED

// **Frame** Bigg'ns 6061 straight-gauge aluminum w/eccentric bottom bracket | Reinforced headtube | Box section top & downtubes | Manipulated seat & chainstays | Cold-forged dropouts **Wheels** Shimano M475 front hub w/Bontrager Race Disc SS rear hub | Sun Rhyno Lite rims | Bontrager Earl 26x2.4 tires **Suspension** Manitou Slate Comp | 100mm travel **Componentry** Bontrager Earl SS 32t crank | Hayes MX-2 mechanical disc brakes **Sizes** XS (13") | SM (15.5") | MD (17.5") | LG (19") | XL (21") **Color** Metallic Red

MULLET

// **Frame** Bigg'ns 6061 straight-gauge aluminum | Reinforced headtube | Box section top & downtubes | Manipulated seat & chainstays | Cold-forged dropouts **Wheels** Shimano M475 disc hubs | Sun Rhyno Lite rims | Bontrager Earl 26x2.4 tires **Suspension** Manitou Slate Comp | 100mm travel **Componentry** Shimano Alivio rear derailleur + EF50 shifters + Acera front derailleur | Bontrager Big Earl 42/32/22 crank | Hayes MX-2 mechanical disc brakes **Sizes** XS (13") | SM (15.5") | MD (17.5") | LG (19") | XL (21") **Color** Pyrite

OPIE

// **Frame** Bigg'ns 6061 straight-gauge aluminum | Reinforced headtube | Box section top & downtubes | Manipulated seat & chainstays | Cold-forged dropouts **Wheels** Alloy front hub w/Shimano RM30 rear hub | Sun Rhyno Lite rims | Bontrager Earl 26x2.4 tires **Suspension** RST Gila Plus T7 | 100mm travel **Componentry** Shimano Acera rear derailleur + EF50 shifters + C050 front derailleur | SR XCC-102 42/34/34 crank | Tektro V brakes w/Shimano EF50 levers **Sizes** XS (13") | SM (15.5") | MD (17.5") | LG (19") | XL (21") **Color** Black

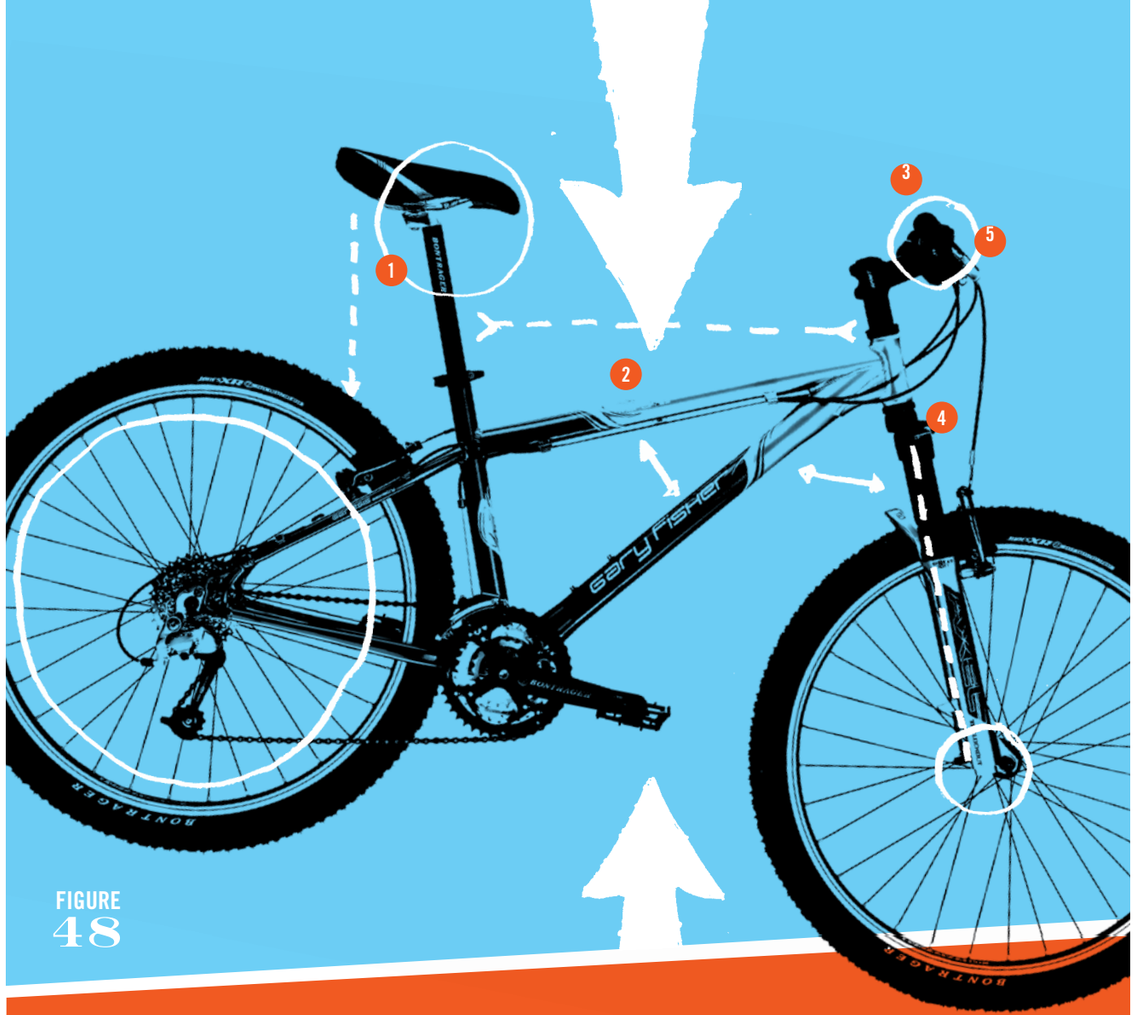


FIGURE
48

GENESISTERS

Fig. 48

Genesisters bikes aren't just engineered specifically for women—they're equipped to fit better from the start. Genesisters frame geometry provides a better biomechanical fit, while the parts mix proves to fit more women right the first time. No more swapping saddles, adjusting the reach, switching this or that. From full-suspension models with plush travel to quick and speedy hardtails, Genesisters bikes are offered in a range of models to accommodate the full spectrum of riding styles.

(1) Women's saddle increases comfort. (2) Genesisters Geometry optimally positions a woman's center of gravity for better control. Compact frame design offers an easier reach. (3) Narrower handlebars fit narrow shoulders better. (4) Custom-tuned front shocks suit lighter-weight riders. (5) Shorter-reach brake levers fit a woman's hands.

HIFI DELUXE GS

// **Frame** HiFi Platinum Series 6061 T6 butted and formed aluminum | Disc specific | Genesisters G2 Geometry | Asymmetric swingarm with FourBarrel™ dropout pivots **Wheels** Bontrager Race Disc | Bontrager Jones XR 26x2.25/2.2 tires **Suspension** Manitou Minute Comp Air, 120mm travel | Fox RP3 **Componentry** Shimano XTR rear derailleur + LX shifters & front derailleur | Bontrager Race GXP 44/32/22 crank | Avid Juicy 5 hydraulic disc brakes **Sizes** XS (14") | SM (15.5") | MD (17.5") **Color** Matte Lichen Green Metallic

HIFI PLUS GS

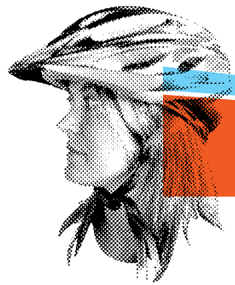
// **Frame** HiFi Platinum Series 6061 T6 butted and formed aluminum | Disc specific | Genesisters G2 Geometry | Asymmetric swingarm with FourBarrel™ dropout pivots **Wheels** Bontrager Select Disc | Bontrager Jones XR 26x2.25/2.2 tires **Suspension** Manitou Relic Super Air w/lockout, 120mm travel | Fox RP3 **Componentry** Shimano XT rear derailleur + Deore shifters & front derailleur | Shimano Deore M540 Hollowtech 44/32/22 crank w/XT spline | Avid Juicy 3 hydraulic disc brakes **Sizes** XS (14") | SM (15.5") | MD (17.5") **Color** Matte Saint Moritz Blue Metallic

BIG SUR GS

// Frame Platinum Series ZR9000 internally and externally butted aluminum | Genesisters Geometry **Wheels** Bontrager Select | Bontrager Jones XR 26x2.25/2.2 tires **Suspension** Fox F100 RL w/lockout | 100mm travel **Componentry** Shimano XT rear derailleur + LX shifters & front derailleur | Shimano LX crank | Avid Juicy 3 hydraulic disc brakes **Sizes** XS (13") | SM (15.5") | MD (17.5") **Color** Metallic Silver/Pearl White

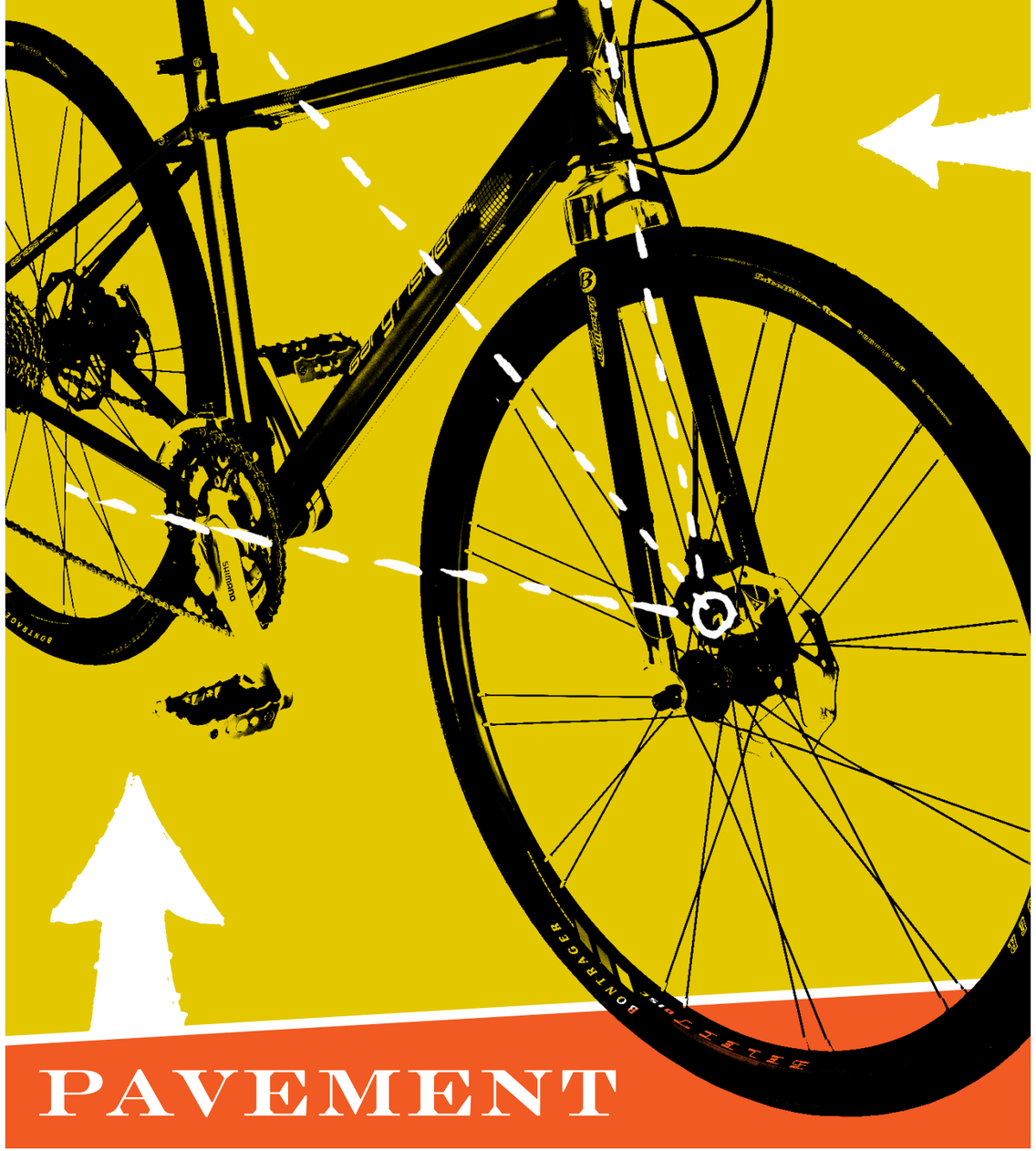
TASSAJARA DISC GS

// Frame Gold Series 6061 T6 internally and externally butted aluminum | Genesisters Geometry **Wheels** Shimano M525 disc hubs | Bontrager Ranger Disc rims | Bontrager Jones XR 26x2.25/2.2 tires **Suspension** Manitou Slate Super w/lockout | 100mm travel **Componentry** Shimano LX rear derailleur + Deore shifters & front derailleur | Shimano M442-8 Octalink 44/32/22 crank | Hayes Sole XC hydraulic disc brakes **Sizes** XS (13") | SM (15.5") | MD (17.5") **Color** Metallic Light Blue



MARLIN GS

// Frame Gold Series 6061 T6 internally and externally butted aluminum | Genesisters Geometry **Wheels** Alloy front w/Shimano rear hub | Bontrager Camino rims | Bontrager Jones XR 26x2.25/2.2 tires **Suspension** Manitou Axel Elite w/TPC Lockout | 100mm travel **Componentry** Shimano Deore rear derailleur + Alivio shifters & front derailleur | Bontrager Sport 42/32/22 crank | Avid SD3 V brakes **Sizes** XS (13") | SM (15.5") | MD (17.5") **Color** Light Blue Metallic/Medium Blue Metallic



PAVEMENT

Fisher is a mountain bike company, but that does not exclude us from making great bikes for pavement and great bikes for kids. It just means we make them more interesting and more versatile. You could even call them eclectic. In other words, a lot like Gary. We know that what once was smooth pavement can be closer to an off-road adventure than expected. Potholes? Rumble strips? Curb drops and gravel? We're ready for the bumps life can bring. In fact, we like them.

DUAL SPORT

Dual Sport bikes start with a full-on Fisher mountain bike frame. That's right, we use the exact same frame platform as we have on Fisher 29ers. But we then equip our Dual Sports with faster-rolling tires, and quick, short-travel suspension forks for fast cruising. The result? Road bike fast, mountain bike durable. If you want to simplify your life and have one bike to do it all, make it this one.

MONTARE

// Frame Platinum Series ZR9000 double-butted aluminum | Genesis 29" Geometry **Wheels** Bontrager Superstock 29 Disc wheelsystem | WTB Interwolf 700x38c tires **Suspension** Manitou South w/lockout | 75mm travel **Componentry** Shimano XT rear derailleur + LX shifters & front derailleur | Bontrager Select 48/36/26 crank | Avid BB7 6" mechanical disc brakes **Sizes** SM (15.5") | MD (17.5") | LG (19") | XL (21") **Color** Metallic Blue

// Frame Gold Series butted aluminum | Genesis 29" Geometry **Wheels** Shimano M475 disc hubs | Bontrager Ranger rims | WTB Interwolf 700x38c tires **Suspension** Manitou Empire Elite | 75mm travel **Componentry** Shimano XT rear derailleur + Deore shifters & front derailleur | Shimano M443 Octalink 48/36/26 crank | Avid BB7 mechanical disc brakes **Sizes** SM (15.5") | MD (17.5") | LG (19") | XL (21") **Color** Metallic Silver

UTOPIA

// Frame Gold Series butted aluminum | Genesis 29" Geometry **Wheels** Shimano M475 disc hubs | Bontrager Ranger rims | WTB Interwolf 700x38c tires **Suspension** SR NCX-D w/lockout | 63mm travel **Componentry** Shimano Alivio rear derailleur + EF50 shifters + C102 front derailleur | Shimano Acera 48/38/28 crank | Avid BB7 mechanical disc brakes **Sizes** SM (15.5") | MD (17.5") | LG (19") | XL (21") **Color** Metallic Black

KAITAI

PATH

Fisher Path bikes are aptly named. Equally at home on pavement or smoother paths, they're set up perfectly for charity rides, converted railroad beds, commutes to work and school, or cruising wherever the weekend family ride takes you. It's a perfect blend of the fast-rolling wheels of a road bike with the comfortable position and durability of an offroad model. All are available as a standard or stepthrough (ladies) frameset.

// Frame Silver Series aluminum hybrid **Wheels** Formula alloy front hub w/Shimano rear hub | Bontrager Camino rims | Bontrager Invert Aramid HD 700x35c tires **Suspension** RST Vogue T7 w/lockout | 60mm travel **Componentry** Shimano Deore rear derailleur + Alivio shifters + Shimano C102 front derailleur | Shimano Nexave 48/38/28 crank w/chainguard | Shimano M421 V brakes **Sizes** SM (15") | MD (17.5") | LG (20") | XL (22.5") | Stepthrough SM (15") | Stepthrough MD (17.5") **Color** Metallic Silver/Metallic Blue

NIRVANA

// Frame Silver Series aluminum hybrid **Wheels** Formula alloy front hub w/Shimano rear hub | Bontrager Camino rims | Bontrager Invert Aramid HD 700x35c tires **Suspension** RST Neon T7 with adjustable preload | 60mm travel **Componentry** Shimano Alivio rear derailleur + EF50 shifters + C102 front derailleur | Shimano TX71 48/38/28 crank w/chainguard | Tektro V brakes **Sizes** SM (15") | MD (17.5") | LG (20") | XL (22.5") | XXL (25") | Stepthrough SM (15") | Stepthrough MD (17.5") | Stepthrough LG (20") **Color** Metallic Silver/Chi Red

ZEBRANO

TIBURON

// Frame Silver Series aluminum hybrid **Wheels** Alloy hubs | Matrix 750 rims | Bontrager Invert 700x35c tires **Suspension** RST Neon C7 | 60mm travel **Componentry** Shimano Acera rear derailleur + EF50 shifters + C102 front derailleur | SR alloy with steel rings 48/38/28 crank w/ chainguard | Tektro V brakes **Sizes** SM (15") | MD (17.5") | LG (20") | XL (22.5") | XXL (25") | Stepthrough SM (15") | Stepthrough MD (17.5") | Stepthrough LG (20") **Color** Metallic Black/Metallic Silver

// **Frame** Silver Series aluminum comfort **Wheels** Alloy front hub w/Shimano RM60-8 rear hub | Matrix 550 rims | Bontrager Comfort HC 26x1.95 tires **Suspension** RST Gila T6 | 63mm travel **Componentry** Shimano Alivio rear derailleur + EF50 shifters + C102 front derailleur | Shimano TX71 48/38/28 crank w/chainguard | Tektro 845AL V brakes w/front modulator **Sizes** SM (14.5") | MD (16.5") | LG (18.5") | XL (21") | Stepthrough XS (14.5") | Stepthrough SM (16.5") | Stepthrough MD (18.5") **Color** Metallic Silver/Brushed Aluminum

NAPA

// **Frame** Silver Series aluminum comfort **Wheels** Alloy hubs | Matrix 550 rims | Bontrager Comfort 26x1.95 tires **Suspension** RST Capa C6 | 63mm travel **Componentry** Shimano Acera rear derailleur + SRAM MRX Plus shifters + Shimano C051 front derailleur | SR XCC-100 48/38/28 crank w/chainguard | Tektro 845AL V brakes w/front modulator **Sizes** SM (14.5") | MD (16.5") | LG (18.5") | XL (21") | Stepthrough XS (14.5") | Stepthrough SM (16.5") | Stepthrough MD (18.5") **Color** Metallic Warm Silver/Red

CAPITOLA

FAST CITY

If you want to get off the couch, get outside, get fit and have a good time doing it, this is your ride. The Fast City is a new platform from Gary Fisher, designed to meet the needs of the rider who is looking to get fast and fit, but is not looking for the hunched-over position of a road bike. It has 700c wheels with puncture-resistant street tires, is sleek and light for long fitness rides, and is rack- and fender-ready for utility.

// Frame Gold Series butted aluminum hybrid **Wheels** Bontrager Select Disc Road | Bontrager Satellite Plus 700x32c tires **Fork** Bontrager Satellite Elite Carbon disc **Componentry** SRAM X.7 rear derailleur + X.5 shifters + Shimano Deore front derailleur | Shimano 48/38/28 Octalink crank | Avid BB5 mechanical disc brakes **Sizes** SM (15.5") | MD (17.5") | LG (19") | XL (21") | XXL (22.5") **Color** Matte Grey

MENDOTA

// Frame Gold Series butted aluminum hybrid **Wheels** Alloy front hub w/Shimano rear hub | Alex AT450 rims | Bontrager Satellite Plus 700x32c tires **Fork** Cromoly straight blade disc **Componentry** Shimano Deore rear derailleur + Alivio shifters + C102 front derailleur | Shimano 48/38/28 Octalink crank | Avid SD 3 V brakes **Sizes** SM (15.5") | MD (17.5") | LG (19") | XL (21") | XXL (22.5") **Color** Chrome

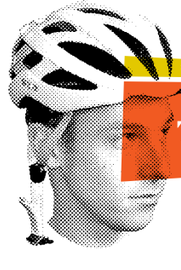
MONONA

WINGRA

// Frame Gold Series butted aluminum hybrid **Wheels** Alloy front hub w/Shimano rear hub | Matrix 750 rims | Bontrager Satellite Plus 700x32c tires **Fork** Cromoly straight blade **Componentry** Shimano Alivio rear derailleur + EF50 shifters + C102 front derailleur | Shimano Acera 48/38/28 crank | Avid SD 3 V brakes **Sizes** SM (15.5") | MD (17.5") | LG (19") | XL (21") | XXL (22.5") **Color** Matte Black

URBAN

Gary Fisher Urban bikes are built for riders who want a bomber built for the city. They're fast-rolling, durable models ready for the urban assault on traffic, potholes, crowds, and the stop-and-go riding you'll find any time you put a lot of folks in a concentrated place. They can start fast, stop fast, and maneuver around and through the masses. They're mountain bike tough, but move at the pace of a more urban lifestyle.



TRITON

// Frame Fisher VS full cromoly horizontal drops, fender and rack mounts **Wheels** Alloy sealed-bearing track flip-flop | Bontrager Race Lite Hardcase 700x28c tires **Suspension** Forged crown cromoly with eyelets **Componentry** Alloy 44T 1/8" pitch crank w/alloy chainguard | Tektro caliper brakes **Sizes** 49 | 53 | 55 | 57 | 61 **Color** Metallic Black

CRONUS

// Frame Gold Series butted aluminum | Genesis Geometry **Wheels** Shimano M475 disc hubs | Bontrager Ranger Disc rims | Bontrager Satellite Plus 26x1.5 tires **Fork** Bontrager Switchblade ATB **Componentry** SRAM X.7 rear derailleur + SRAM X.7 trigger shifter | Bontrager 38t crank w/chainguard | Avid BB 5 6" mechanical disc brakes **Sizes** XS (13") | SM (15.5") | MD (17.5") | LG (19") | XL (21") **Color** Metallic Black

// Frame Gold Series butted aluminum | Genesis Geometry **Wheels** Alloy front hub w/Shimano RM60-8 rear hub | Bontrager Camino rims | Bontrager Satellite Plus 26x1.5 tires **Fork** Hiten straight blade ATB **Componentry** Shimano Alivio rear derailleur + EF50 shifters + C102 front derailleur | Shimano TX70 42/34/24 crank w/chainguard | Tektro V brakes **Sizes** XS (13") | SM (15.5") | MD (17.5") | LG (19") | XL (21") **Color** Metallic Blue

ARTEMIS

KIDS

Kids might not know it, but they want bikes that are durable and safe, yet still fun to ride. Though there are bikes out there that are just as shiny, few, if any, are as well made as Gary Fisher Kids bikes. They're built to last and also built to grow, with adjustable components, shorter-reach brakes, and lower standover heights. Kids may think of bikes as just another toy, but with the head of a parent and heart of a kid, Gary Fisher knows better. Who better to design kids' bikes?

(1) Kids-specific frame and a shorter suspension fork create a lower standover height. (2) Pedal position can be easily switched to accommodate growing legs. (3) Adjustable stem keeps pace with growing kids. (4) Shorter-reach brakes increase control and safety.

// **Frame** Gold Series 6061 T6 internally and externally butted aluminum **Wheels** Shimano alloy rear hub, alloy front hub | Alex rims | Kenda K-854 24/2.0 tires **Suspension** Insync Grind 2, alloy steerer **Componentry** Shimano Alivio rear derailleur + EF50 shifters + C050 Front derailleur | Bontrager Sport 44/34/22 crank | Tektro V brakes **Sizes** Great Fit 24" kids frame **Color** Metallic Red/Metallic Black

GALAXY

TYRO

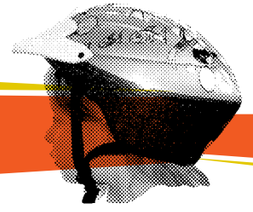
// **Frame** Silver Series aluminum **Wheels** Aluminum hubs and rims | Bontrager Connection 24x2.0 tires **Suspension** Great Fit SR suspension fork | 50mm travel **Componentry** Great Fit Easy Shifting by SRAM | Great Fit adjustable length 125mm–150mm crank | Alloy linear-pull brakes w/alloy junior-size levers | Great Fit 24" size pedals **Sizes** Great Fit 24" kids frame **Color** Metallic Blue/Metallic Silver (boys') | Metallic White (girls')

COSMO

// **Frame** Silver Series aluminum **Wheels** Aluminum hubs and rims | Bontrager Connection 20x2.0 tires **Suspension** Great Fit SR suspension fork | 50mm travel **Componentry** Great Fit Easy Shifting by SRAM | Great Fit adjustable length 120mm-140mm crank **Sizes** Great Fit 20" kids frame **Color** Orange/Black (boys') | Dark Metallic Pink (girls')

// Frame Silver Series aluminum **Wheels** Steel front hub, coaster brake rear hub | Aluminum rims | Cross knobby 20x2.125 tires **Fork** 100% pure steel **Componentry** Great Fit 4.5" 32t crank | Alloy linear pull w/alloy lever, plus coaster brake | Great Fit 20" size pedals **Sizes** Great Fit 20" kids frame **Color** Metallic Red/Metallic Black (boys') | Metallic Pink (girls')

ASTRO



SUN SPOT

// Frame 100% pure steel **Wheels** Steel front hub Coster brake Steel | Chrome plated rims | Cross knobby 12x2.125 tires **Fork** 100% pure steel **Componentry** Great Fit 2.75" 28t crank | Coaster brake | Great Fit 12" size pedals **Sizes** Great Fit 12" kids frame **Color** Metallic Yellow/ Metallic Black (boys') | Metallic Pink (girls')

GAMMA RAY

STAR FISH

// Frame 100% pure steel **Wheels** Steel front hub Coster brake Steel | Chrome plated rims | Cruiser 12x2.125 tires **Fork** 100% pure steel **Componentry** Great Fit 2.75" 28t crank | Coaster brake | Great Fit 12" size pedals **Sizes** Great Fit 12" kids frame **Color** Metallic Blue/Metallic Silver (boys') | Metallic Pink/Pearl White (girls')

// Frame 100% pure steel **Wheels** Steel front hub, coaster brake rear hub | Steel chrome-plated rims | Cross knobby 16x2.125 tires **Fork** 100% pure steel **Componentry** Great Fit 3.5" 28t crank | Coaster brake | Great Fit 16" size pedals **Sizes** Great Fit 16" kids frame **Color** Metallic Blue/Metallic Silver (boys') | Metallic Pink (girls')

Gary Fisher Limited Lifetime Warranty

Gary Fisher Bicycles provides each original retail purchaser of the bicycle a lifetime warranty against defects in materials and workmanship in the bicycle frame and rigid fork when purchased from an authorized Gary Fisher dealer. The King Fisher frame warranty is limited to three years. Gary Fisher Bicycles likewise warrants all original parts on the bicycle, excluding suspension forks and rear shock absorbers, for a period of one year from the date of purchase. Suspension forks and rear shock absorbers shall be covered by the stated warranty of their original manufacturers. Paint and decals are warranted for one year. This warranty is expressly limited to the repair or replacement of a defective frame, fork, or defective part and is the sole remedy of the warranty. This warranty applies only to the original owner and is not transferable. Claims under this warranty must be made through an authorized Gary Fisher dealer. Proof of purchase is required. A warranty registration card must be completed and received by Gary Fisher Bicycles before a warranty claim may be processed. This warranty covers bicycles and components outside the United States only if purchased through an authorized international Gary Fisher distributor or Gary Fisher dealer within the country of purchase.

The warranty does not cover normal wear and tear, improper assembly or follow-up maintenance, installation of parts or accessories not originally intended or compatible with the bicycle as sold, damage or failure due to accident, misuse, or neglect, or modification of the frame, fork, or components. Gary Fisher Bicycles shall not be responsible for incidental or consequential damages. Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you. This warranty gives the consumer specific legal rights, and those rights may vary from place to place. This warranty does not affect the statutory rights of the consumer.

All photos, illustrations, colors, weights, and specifications contained in this catalog are based on the latest production information at the time of publication. Gary Fisher reserves the right to make changes at any time, without notice, in colors, materials, equipment, specifications, and models. Any variations in colors shown may be due to the reproductive variations of the printing process. Photos may include non-U.S. equipment. Some models may be shown with optional equipment.

All Gary Fisher bikes are sold exclusively through our network of Authorized Dealers who we entrust with professional assembly and service of your bicycle. Gary Fisher Bicycles extends a Limited Lifetime Warranty on every frame. Warranty duration and detail may differ by frame type and/or by country.

The following riding practices increase your risk of injury: jumping your bicycle, performing bicycle stunts, severe off-road riding, downhill riding and any abnormal bike riding. Each of these conditions increases the stress on every part of your bicycle. Frames or parts under high stress may fatigue prematurely, causing them to fail and increasing the risk of injury to the rider. Avoid these riding practices to decrease your risk of injury.

GEOMETRY TABLES

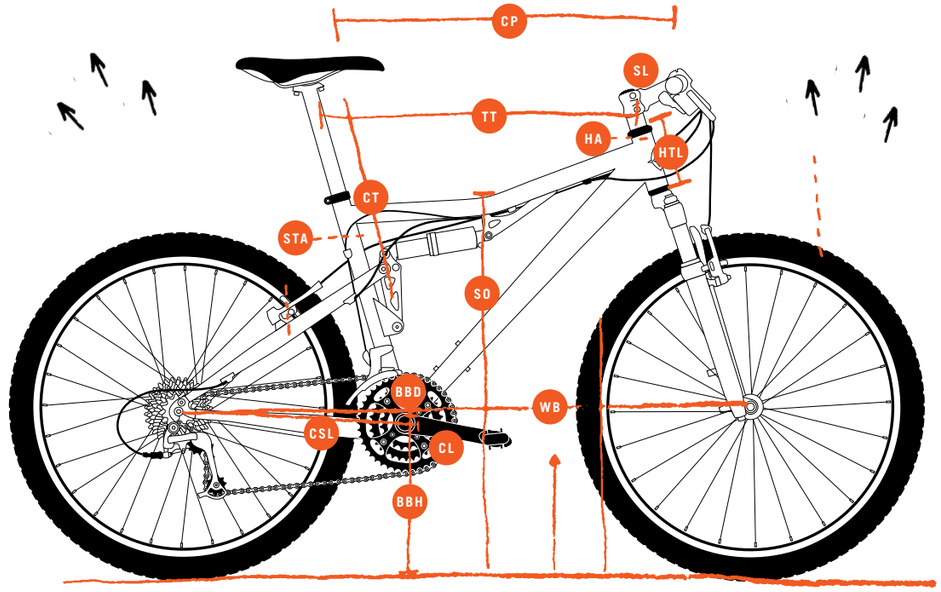
TERM	ABBR.	UNIT	GEOMETRY GLOSSARY
STANDOVER	SO	in	The vertical distance from the ground to the point on the top tube where you straddle the bike.*
EFFECTIVE TOP TUBE	TT	in	The horizontal measure from the center of the headset to the center of the seatpost. The most important measurement when buying a bike, because it cannot be changed.
COCKPIT LENGTH	CP	in	The horizontal measure from the center of the handlebar to the center of the seatpost. This is where you spend your time. (The next two measurements show how it can be adjusted.)
MINIMUM COCKPIT	minCP	in	The shortest the cockpit can be made by changing the stem to the shortest one available.
MAXIMUM COCKPIT	maxCP	in	The longest the cockpit can be made by changing the stem to one which is 30mm longer than original—the maximum recommended to retain optimum handling.
STEM LENGTH	SL	mm	The original stem: measured from the center of the steerer tube to the center of the handlebar.
CRANK LENGTH	CL	mm	The distance from the center of the bottom bracket to the center of the pedal axle. A rider with long legs can benefit from longer cranks.
HEADTUBE LENGTH	HTL	mm	The distance between the upper and lower headset. Affects how high your handlebar is relative to your saddle.
HEAD ANGLE	HA	°	The angle of headtube to the ground. Tailored to optimize steering precision on each frame size.
TRAIL			The distance the front wheels contact patch lags behind the steering axis.
SEATTUBE ANGLE	STA	°	The angle of seattube to the ground. Tailored to optimize power transmission on each frame size.
EFFECTIVE CHAINSTAY LENGTH	CSL	mm	The distance from the center of the bottom bracket to the center of the rear axle.
BOTTOM BRACKET HEIGHT	BBH	mm	The vertical distance from the center of the bottom bracket to the ground. Expresses clearance of the frame over obstacles.
BOTTOM BRACKET DROP	BBD	mm	The vertical distance the bottom bracket is below an imaginary horizontal line drawn through the axles. The greater the bottom bracket drop, the lower the rider's center of gravity.
WHEELBASE	WB	mm	The distance between the axles. Tailored to optimize weight distribution on each frame size.

All sizing and geometry specifications are calculated with a standard wheel size and fork axle to race. Larger air volume tires as well as different fork lengths will change the dimensions in these charts.

*Standover is now measured 8.25" in front of seattube.

MODELS			HIFI PRO I HIFI DELUXE I HIFI PLUS I HIFI				HIFI DELUXE GS I HIFI PLUS GS		
SIZES			SM (16")	MD (17.5")	LG (19")	XL (21")	SM (14")	MD (15.5")	LG (17.5")
STANDOVER	SO	in	29	29	29	29.1	29	29	29
EFFECTIVE TOP TUBE	TT	in	22.4	23.4	24.2	25.2	21.2	21.8	22.9
COCKPIT LENGTH	CP	in	25.35	26.94	28.33	29.33	23.56	24.75	26.44
MINIMUM COCKPIT	minCP	in	24.76	26.35	27.74	28.74	23.56	24.16	25.85
MAXIMUM COCKPIT	maxCP	in	25.94	27.53	28.92	29.92	24.15	25.34	27.03
STEM LENGTH	SL	mm	75	90	105	105	60	75	90
CRANK LENGTH	CL	mm	170	175	175	175	170	170	175
HEADTUBE LENGTH	HTL	mm	90	100	115	130	90	90	100
HEAD ANGLE	HA	°	69.7	69.7	69.7	69.7	69.7	69.7	69.7
TRAIL			74.1	74.1	74.1	74.1	74.1	74.1	74.1
SEATTUBE ANGLE	STA	°	73	73	73	73	73	73	73
EFFECTIVE CHAINSTAY LENGTH	CSL	mm	420	420	420	420	420	420	420
BOTTOM BRACKET HEIGHT	BBH	mm	12.8	12.8	12.8	12.8	12.8	12.8	12.8
BOTTOM BRACKET DROP	BBD	mm	8	8	8	8	8	8	8
WHEELBASE	WB	mm	1070.9	1096.9	1118.1	1144.4	1040.4	1055.6	1084.2

MODELS			PROCALIBER I SUPERCALIBER I CALIBER			
SIZES			SM (16")	MD (17.5")	LG (19")	XL (21")
STANDOVER	SO	in	28.5	28.6	28.9	29.3
EFFECTIVE TOP TUBE	TT	in	22.9	23.9	24.7	25.5
COCKPIT LENGTH	CP	in	25.7	27.4	28.6	29.4
MINIMUM COCKPIT	minCP	in	25.3	26.3	27.1	27.9
MAXIMUM COCKPIT	maxCP	in	26.8	28.6	29.8	30.6
STEM LENGTH	SL	mm	70	90	100	100
CRANK LENGTH	CL	mm	170	175	175	175
HEADTUBE LENGTH	HTL	mm	110	130	140	150
HEAD ANGLE	HA	°	69.8	70.3	70.3	70.3
SEATTUBE ANGLE	STA	°	72	72	72	72
EFFECTIVE CHAINSTAY LENGTH	CSL	mm	415	415	415	415
BOTTOM BRACKET HEIGHT	BBH	mm	310	310	310	310
BOTTOM BRACKET DROP	BBD	mm	-23	-23	-23	-23
WHEELBASE	WB	mm	1063	1084	1098	1111



GEO. TABLES CONT.

MODELS			BIG SUR* I ZIGGURAT I HKEK I FERROUS I TASSAJARA & DISC I PIRANHA I MARLIN& DISC I WAHOO & DISC I CRONUS I ARTEMIS					BIG SUR GS I MARLIN GS I TASSAJARA DISC GS		
SIZES			XS (13")	SM (15.5")	MD (17.5")	LG (19")	XL (21")	XS (13")	SM (15.5")	MD (17.5")
STANDOVER	SO	in	26.6	27.8	29.0	30.1	31.6	26.6	27.8	29.0
EFFECTIVE TOP TUBE	TT	in	21.7	22.9	23.9	24.7	25.5	21.7	22.3	23.4
COCKPIT LENGTH	CP	in	24.1	25.8	27.4	28.8	29.6	24.1	25.2	26.4
MINIMUM COCKPIT	minCP	in	23.5	25.3	26.8	28.3	29.0	23.5	24.6	25.7
MAXIMUM COCKPIT	maxCP	in	24.7	26.4	28.0	29.4	30.2	24.7	25.8	26.9
STEM LENGTH	SL	mm	60	75	90	105	105	60	75	75
CRANK LENGTH	CL	mm	170	170	170	175	175	170	170	175
HEADTUBE LENGTH	HTL	mm	90	90	105	125	145	90	90	105
HEAD ANGLE	HA	°	70.0	70.5	71.0	71.0	71.0	70.0	70.5	71.0
SEATTUBE ANGLE	STA	°	74.0	73.5	73.5	73.0	72.5	74.0	73.5	73.5
EFFECTIVE CHAINSTAY LENGTH	CSL	mm	413	413	413	413	413	413	413	413
BOTTOM BRACKET HEIGHT	BBH	mm	312	317	317	317	323	312	317	317
BOTTOM BRACKET DROP	BBD	mm	35	30	30	30	25	35	30	30
WHEELBASE	WB	mm	1032.7	1054.1	1076.2	1091.6	1107.6	1032.7	1038.9	1062.6

*Big Sur not available in XS (13")

MODELS			MENDOTA I MONONA I WINGRA				
SIZES			SM (15.5")	MD (17.5")	LG (19")	XL (21")	XXL (22.5")
STANDOVER	SO	in	27.36	28.62	29.60	30.87	31.89
EFFECTIVE TOP TUBE	TT	in	21.9	22.2	22.4	22.9	23.3
COCKPIT LENGTH	CP	in	24.80	25.71	26.57	27.05	28.07
MINIMUM COCKPIT	minCP	in	24.21	25.12	25.98	26.46	27.48
MAXIMUM COCKPIT	maxCP	in	25.39	26.30	27.17	27.64	28.66
STEM LENGTH	SL	mm	75	90	105	105	120
CRANK LENGTH	CL	mm	170	170	170	170	170
HEADTUBE LENGTH	HTL	mm	115	125	135	145	155
HEAD ANGLE	HA	°	72.3	72.5	72.5	72.5	72.5
TRAIL			63.2	61.9	61.9	61.9	61.9
SEATTUBE ANGLE	STA	°	74.5	74	73.5	73	73
EFFECTIVE CHAINSTAY LENGTH	CSL	mm	435	435	435	435	435
BOTTOM BRACKET HEIGHT	BBH	mm	11.1	11.1	11.1	11.1	11.1
BOTTOM BRACKET DROP	BBD	mm	65	65	65	65	65
WHEELBASE	WB	mm	1034.9	1036	1037.8	1044.4	1055.5

MODELS			SUPERCALIBER 29 I CALIBER 29 I FERROUS 29			
SIZES			SM (16")	MD (17.5")	LG (19")	XL (21")
STANDOVER	SO	in	29.5	29.5	29.5	29.8
EFFECTIVE TOP TUBE	TT	in	24.4	25.3	25.7	26.24
COCKPIT LENGTH	CP	in	27.35	28.84	29.83	30.37
MINIMUM COCKPIT	minCP	in	26.76	28.25	29.24	29.78
MAXIMUM COCKPIT	maxCP	in	27.94	29.43	30.42	30.96
STEM LENGTH	SL	mm	75	90	105	105
CRANK LENGTH	CL	mm	170	175	175	175
HEADTUBE LENGTH	HTL	mm	110	110	115	130
HEAD ANGLE	HA	°	71.65	72.15	72.15	72.15
TRAIL			81.63	78.18	78.18	78.18
SEATTUBE ANGLE	STA	°	72	72	72	72
EFFECTIVE CHAINSTAY LENGTH	CSL	mm	462	462	462	462
BOTTOM BRACKET HEIGHT	BBH	mm	12.2	12.2	12.2	12.2
BOTTOM BRACKET DROP	BBD	mm	60	60	60	60
WHEELBASE	WB	mm	1104.2	1120.2	1130.8	1144.4

MODELS			ADVANCE I TARPON I MAKO					WOMEN'S STEPTHROUGH FRAMES		
SIZES			XS (13")	SM (16")	MD (18")	LG (19.5")	XL (21.5")	XS (13")	SM (16")	MD (18")
STANDOVER	SO	in	25.4	27.6	29.3	30.4	31.9	23.1	23.8	23.9
EFFECTIVE TOP TUBE	TT	in	21.5	22.4	23.1	23.8	24.5	21.4	21.8	23.0
COCKPIT LENGTH	CP	in	23.0	24.2	25.6	26.3	27.5	25.0	25.4	27.1
MINIMUM COCKPIT	minCP	in	23.1	24.3	25.6	26.3	27.6	23.8	24.2	25.4
MAXIMUM COCKPIT	maxCP	in	23.4	24.7	26.0	26.7	28.0	26.1	26.5	28.3
STEM LENGTH	SL	mm	90	90	110	110	130	90	90	105
CRANK LENGTH	CL	mm	170	170	175	175	175	165	170	170
HEADTUBE LENGTH	HTL	mm	105	125	145	165	185	105	125	165
HEAD ANGLE	HA	°	70.5	71	71.5	71.5	71.5	70.5	71	71.5
SEATTUBE ANGLE	STA	°	74.5	74	74	73.5	73.5	74.5	74	74
EFFECTIVE CHAINSTAY LENGTH	CSL	mm	412	412	412	412	412	415	420	415
BOTTOM BRACKET HEIGHT	BBH	mm	288	291	295	295	295	288	291	295
BOTTOM BRACKET DROP	BBD	mm	45.0	42.0	38.0	38.0	38.0	45.0	42.0	38.0
WHEELBASE	WB	mm	1021.5	1037.3	1052.9	1066.5	1085.2	1021.5	1028.4	1052.8

MODELS			NAPA I CAPITOLA				WOMEN'S STEPTHROUGH FRAMES		
SIZES			SM (14.5")	MD (16.5")	LG (18.5")	XL (21")	SM (14.5")	MD (16.5")	LG (18.5")
STANDOVER	SO	in	25.9	27.4	29.1	30.3	23.2	23.2	23.4
EFFECTIVE TOP TUBE	TT	in	20.9	21.7	22.8	23.4	20.9	21.7	22.4
COCKPIT LENGTH	CP	in	25.0	25.8	27.7	28.3	25.0	25.8	27.7
MINIMUM COCKPIT	minCP	in	22.8	23.6	24.8	25.5	22.9	23.2	24.5
MAXIMUM COCKPIT	maxCP	in	25.8	26.6	28.0	28.7	25.8	26.6	28.0
STEM LENGTH	SL	mm	105	105	125	125	105	105	125
CRANK LENGTH	CL	mm	170	170	170	170	170	170	170
HEADTUBE LENGTH	HTL	mm	135	155	215	235	135	155	215
HEAD ANGLE	HA	°	70.5	70.5	70.5	70.5	70.5	70.5	70.5
SEATTUBE ANGLE	STA	°	72.5	72.5	72.5	72.5	72.5	72.5	72.5
EFFECTIVE CHAINSTAY LENGTH	CSL	mm	423	423	423	423	423	423	423
BOTTOM BRACKET HEIGHT	BBH	mm	287	287	287	287	283	283	283
BOTTOM BRACKET DROP	BBD	mm	46.0	46.0	46.0	46.0	50.0	50.0	50.0
WHEELBASE	WB	mm	1010.9	1031.7	1058.9	1079.6	1010.9	1031.7	1058.9

MODELS			PARAGON I X-CALIBER I COBIA I RIG I MONTARE I UTOPIA I KAITAI			
SIZES			SM (15.5")	MD (17.5")	LG (19")	XL (21")
STANDOVER	SO	in	28.9	29.9	30.8	31.2
EFFECTIVE TOP TUBE	TT	in	23.2	24	24.7	25.5
COCKPIT LENGTH	CP	in	26.2	26.9	28.8	29.6
MINIMUM COCKPIT	minCP	in	25.5	25.7	28.3	29
MAXIMUM COCKPIT	maxCP	in	26.8	28.1	29.4	30.2
STEM LENGTH	SL	mm	75	90	105	105
CRANK LENGTH	CL	mm	170	175	175	175
HEADTUBE LENGTH	HTL	mm	90	90	90	105
HEAD ANGLE	HA	°	70.5	71.0	71.5	71.5
SEATTUBE ANGLE	STA	°	74.0	74.0	73.5	73.0
EFFECTIVE CHAINSTAY LENGTH	CSL	mm	440	440	440	440
BOTTOM BRACKET HEIGHT	BBH	mm	315	315	315	315
BOTTOM BRACKET DROP	BBD	mm	50	50	50	50
WHEELBASE	WB	mm	1088.2	1101.2	1110.4	1124.4

MODELS			NIRVANA I ZEBRANO I TIBURON				WOMEN'S STEPTHROUGH FRAMES		
SIZES			SM (15")	MD (17.5")	LG (20")	XL (22.5")	XS (15")	MD (17.5")	LG (20")
STANDOVER	SO	in	27.0	28.8	30.3	32.2	23.5	23.7	23.8
EFFECTIVE TOP TUBE	TT	in	21.4	21.6	22.2	22.9	21.4	21.5	22.2
COCKPIT LENGTH	CP	in	23.1	23.3	23.9	24.7	22.3	23.2	23.0
MINIMUM COCKPIT	minCP	in	23.3	23.5	24.1	24.8	22.3	23.4	23.5
MAXIMUM COCKPIT	maxCP	in	23.4	23.6	24.3	25.0	22.6	23.6	23.3
STEM LENGTH	SL	mm	105	105	105	105	90	105	110
CRANK LENGTH	CL	mm	170	170	170	170	170	170	170
HEADTUBE LENGTH	HTL	mm	90	105	105	125	105	125	145
HEAD ANGLE	HA	°	70	70.5	70.5	71.5	70	70.5	70.5
SEATTUBE ANGLE	STA	°	74	74	73	73	74	74	73
EFFECTIVE CHAINSTAY LENGTH	CSL	mm	440	440	440	440	440	440	440
BOTTOM BRACKET HEIGHT	BBH	mm	280.9	280.9	280.9	280.9	280.9	280.9	281
BOTTOM BRACKET DROP	BBD	mm	65.0	65.0	65.0	65.0	65.0	65.0	64.9
WHEELBASE	WB	mm	1055.8	1056.3	1061.9	1069.4	1055.8	1056.3	1061.9

MODELS			FAT POSSUM XO, FAT POSSUM XT, FAT POSSUM LX			
SIZES			SM (15.5")	MD (17.5")	LG (19")	XL (21")
STANDOVER	SO	in	28.5	29.4	30.9	32.6
EFFECTIVE TOP TUBE	TT	in	21.5	22.5	23.7	24.7
COCKPIT LENGTH	CP	in	24.3	25.3	26.5	28.2
MINIMUM COCKPIT	minCP	in	23.6	24.7	25.9	27.6
MAXIMUM COCKPIT	maxCP	in	24.8	25.9	27.1	28.8
STEM LENGTH	SL	mm	70	70	70	90
CRANK LENGTH	CL	mm	170	175	175	175
HEADTUBE LENGTH	HTL	mm	105	115	125	145
HEAD ANGLE	HA	°	68	68	68	68
SEATTUBE ANGLE	STA	°	72	72	72	72
EFFECTIVE CHAINSTAY LENGTH	CSL	mm	428	428	428	428
BOTTOM BRACKET HEIGHT	BBH	mm	352	352	352	352
BOTTOM BRACKET DROP	BBD	mm	14.3	14.3	14.3	14.3
WHEELBASE	WB	mm	1068.3	1094.4	1126.9	1152.5

MODELS			KING FISHER 1 I KING FISHER 2		
SIZES			SM (15.5")	MD (17.5")	LG (19")
STANDOVER	SO	in	29.5	30.5	31.5
EFFECTIVE TOP TUBE	TT	in	22.4	23.0	24.3
COCKPIT LENGTH	CP	in	24.4	24.9	27.1
MINIMUM COCKPIT	minCP	in	24.4	24.9	26.3
MAXIMUM COCKPIT	maxCP	in	25.2	25.7	27.1
STEM LENGTH	SL	mm	50	50	70
CRANK LENGTH	CL	mm	170	175	175
HEADTUBE LENGTH	HTL	mm	115	115	125
HEAD ANGLE	HA	°	67	67	67
SEATTUBE ANGLE	STA	°	73	73	73
EFFECTIVE CHAINSTAY LENGTH	CSL	mm	434	434	434
BOTTOM BRACKET HEIGHT	BBH	mm	364.5	364.5	364.5
BOTTOM BRACKET DROP	BBD	mm	24.5	24.5	24.5
WHEELBASE	WB	mm	1126.1	1140.3	1173.2

MODELS			PHD		
SIZES			SM	MD	LG
STANDOVER	SO	in	26.0	25.8	26.0
EFFECTIVE TOP TUBE	TT	in	21.7	22.9	23.9
COCKPIT LENGTH	CP	in	23.7	24.9	26.7
MINIMUM COCKPIT	minCP	in	23.1	24.3	26.1
MAXIMUM COCKPIT	maxCP	in	24.3	25.5	27.3
STEM LENGTH	SL	mm	50	50	70
CRANK LENGTH	CL	mm	165	170	170
HEADTUBE LENGTH	HTL	mm	115	125	140
HEAD ANGLE	HA	°	70	70	70
SEATTUBE ANGLE	STA	°	71	71	71
EFFECTIVE CHAINSTAY LENGTH	CSL	mm	413	413	413
BOTTOM BRACKET HEIGHT	BBH	mm	361	361	361
BOTTOM BRACKET DROP	BBD	mm	28	28	28
WHEELBASE	WB	mm	1005	1035	1061.5

MODELS			BITTER I MULLET I MULLET SINGLE SPEED I OPIE				
SIZES			XS (13")	SM (15.5")	MD (17.5")	LG (19.5")	XL (21.5")
STANDOVER	SO	in	26.3	27.5	28.7	29.6	30.8
EFFECTIVE TOP TUBE	TT	in	21.4	22.5	23.6	24.4	25.1
COCKPIT LENGTH	CP	in	23.4	24.8	26.4	27.2	27.8
MINIMUM COCKPIT	minCP	in	23.4	24.8	25.6	26.4	27.1
MAXIMUM COCKPIT	maxCP	in	25.0	26.0	26.4	27.2	28.8
STEM LENGTH	SL	mm	50	50	70	70	70
CRANK LENGTH	CL	mm	170	170	175	175	170
HEADTUBE LENGTH	HTL	mm	90	105	117.5	130	145
HEAD ANGLE	HA	°	70	70	70	70	70
SEATTUBE ANGLE	STA	°	71	71	71	71	71
EFFECTIVE CHAINSTAY LENGTH	CSL	mm	413	413	413	413	413
BOTTOM BRACKET HEIGHT	BBH	mm	317.5	317.5	317.5	317.5	317.5
BOTTOM BRACKET DROP	BBD	mm	28	28	28	28	28
WHEELBASE	WB	mm	1004.9	1034.6	1061.3	1081.3	1100.6

MODELS			TRITON				
SIZES			49	53	55	57	61
STANDOVER	SO	in	29.5	30.9	31.7	32.4	34.0
EFFECTIVE TOP TUBE	TT	in	20.4	21.5	22.2	22.6	23.9
COCKPIT LENGTH	CP	in	24.0	25.4	26.2	27.0	28.6
MINIMUM COCKPIT	minCP	in	23.4	24.8	25.6	26.4	28.0
MAXIMUM COCKPIT	maxCP	in	24.6	26.0	26.8	27.6	29.2
STEM LENGTH	SL	mm	90	100	100	110	120
CRANK LENGTH	CL	mm	170	170	170	175	175
HEADTUBE LENGTH	HTL	mm	85	116	133	151	195
HEAD ANGLE	HA	°	72	73	73.5	73.5	74
SEATTUBE ANGLE	STA	°	74	73.25	73	72.5	72
EFFECTIVE CHAINSTAY LENGTH	CSL	mm	413	413	413	413	413
BOTTOM BRACKET HEIGHT	BBH	mm	266	266	266	266	266
BOTTOM BRACKET DROP	BBD	mm	70	70	70	70	66
WHEELBASE	WB	mm	970	980	987	992	1013

THE ROAD TO FULL-SUSPENSION BLISS.

GARY'S GUIDE TO MAKING SURE YOUR FISHER RIDES LIKE A FISHER.

One of the easiest and most important things you can do to get great performance out of your Fisher Full-Suspension mountain bike is to tune the suspension to your body weight and riding style. This is as important as putting air in the tires, and can affect your ride quality just as dramatically.

Why tune your bike's rear suspension?
When you tune your suspension to your body weight, today's smart shocks can tell the difference between the effect of your body weight on the suspension and the effects of hitting bumpy terrain. When your shock knows how much you weigh, it can respond to forces accordingly.

There are a lot of theories and opinions on how to set up suspensions, but we'll keep it simple by offering two different places to start: the Drive Thru, and the Fisher Pro Team setup.

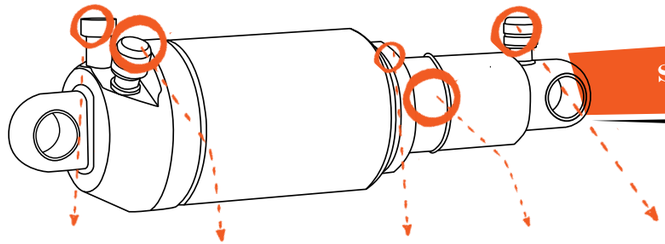
The Drive Thru. We call it this because this setup method is super quick and is usually pretty good, especially if you are hungry to just go ride. Find your weight on the chart on the opposite page and adjust your air pressure and rebound accordingly. These recommended settings will help the bike perform well in a wide range of conditions.

The Fisher Pro Team Setup. The Drive Thru may prove to be fine, but for more precise suspension adjustment, you can set up your bike using "sag." Sag is the distance the suspension compresses when you sit on the saddle. This is another way to measure the effect your body weight has on the suspension, a bit more accurately than the Drive Thru method.

To measure sag, put the recommended air pressure (the Drive Thru setting) in the main spring of the rear shock. Place your bike next to a wall or something that you can lean on. Slide your shock's rubber ring (or use a zip tie) all the way up to the dust seal. Then gently sit on the bike, distributing your weight as closely as possible to how you do when you are riding. Don't bounce. Dismount and measure in millimeters how far the rubber ring moved under your body weight. Check the measurement against the recommended sag on the chart, and add or subtract pressure as necessary.

Once you've dialed in your sag, you will want to set your rebound damping. This controls how quickly your suspension returns to its extended position. Once again, start with the recommended settings in the chart, then tune slower (more damping) or faster (less damping) depending on trail conditions. Too much rebound damping will give you a harsh ride over repetitive bumps. The suspension is not returning to its neutral state quick enough to be ready to deal with the next bump. Not enough rebound damping will let the swingarm snap back too fast, which can result in "topping out," an audible clunk as the shock hits the top of its stroke.

The Bottom Line. Feel free to tweak your settings to better suit your riding style. Think about where you are going to ride. Have you signed up for a race? If you have SPV, you may want to add air pressure to the SPV chamber to increase your bike's efficiency. If you are riding where there are a lot of small bumps, you may want to lower your rebound to respond quicker to rapid changes in the terrain. Tune your suspension to feel just the way you want it, and you will find full-suspension bliss.



SUSPENSION SETUP

	RACE DAY		HIFI	FAT POSSUM		KING FISHER		
	Race	Train						
TRAVEL (mm)	76	76	116	150		180		
STROKE (mm)	68	38	51	57		64		
SAG (%)	10	20	30	30		30		
SAG (mm)	4	8	15	17		19		
	RECOMMENDED AIR PRESSURE (PRELOAD)					RECOMMENDED PRESSURE (PRELOAD)		
RIDER (lbs)	Main Spring Race (psi)	Main Spring Train (psi)	Main Spring (psi)	Main Spring (psi)	SPV (psi)	Main Spring	ProPedal	Boost Valve (psi)
100	40	20	75	70	50	Manually adjust coil spring	7 clicks away from fully open	100
110	45	25	82.5	77	55			100
120	50	30	90	84	60			100
130	60	40	97.5	91	65			100
140	75	50	105	98	70			100
150	85	60	112.5	105	75			100
160	95	70	120	112	80			100
170	105	80	127.5	119	85			100
180	115	90	135	126	90			100
190	125	100	142.5	133	95			100
200	130	105	150	140	100			100
210	140	115	157.5	147	105			100
220	145	120	165	154	110			100
230	150	125	172.5	161	115			100
240	160	130	180	168	120			100
250	165	135	187.5	175	125			100
REBOUND	12 clicks from fast		6 clicks from slow	6 clicks from slow		6–10 clicks from slow		

Travel Distance the rear axle travels as suspension is actuated.
Stroke Distance the piston travels as the suspension is actuated.
Sag Percent of total travel utilized under the weight of the rider. (also measured in mm)
Spring Amount of air pressure pumped into main spring to determine preload. (On King Fisher, actual coil spring is used and preload is adjusted by turning preload adjustor.)
SPV (Stable Platform Valve) Changes in air pressure tunes the amount of rider and pedal forces the shock isolates.
Rebound (Rebound Damping) Speed at which suspension returns to extended position.
Platform Plus Dial on the Split RPA that allows the rider to set the amount of pedaling efficiency.
Propedal Affects the first part of the compression stroke to reduce pedal-induced suspension movement.
Boost Valve A position-sensitive damping scheme that allows seamless transition from ProPedal to bump absorption. (75-200psi range)

Model	Supercaliber 29	Caliber 29	Paragon	Ferrous 29	X-Caliber	Cobia	Rig	Procaliber	Supercaliber	Caliber	HiFi Pro	HiFi Deluxe	HiFi Plus	HiFi
Page	16	17	17	18	18	19	19	22	23	23	25	26	27	27
Color 1	Silver/Fisher Dry Black	Silver/Fisher Dry Lime	Fisher Pearl Red	Devo Blue	Silver	Pearl Reflex Blue	Pearl Black	Silver/Fisher Dry Blue	Silver/Fisher Dry Red	Silver/Fisher Dry Orange	Matte Prime Blue	Matte Gun Metal	Matte Bright Silver	Matte Chi Red
Color 2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sizes	SM (16), MD (17.5), LG (19), XL (21)	SM (16), MD (17.5), LG (19), XL (21)	SM (15.5), MD (17.5), LG (19), XL (21)	SM (15.5), MD (17.5), LG (19), XL (21)	SM (15.5), MD (17.5), LG (19), XL (21)	SM (15.5), MD (17.5), LG (19), XL (21)	SM (15.5), MD (17.5), LG (19), XL (21)	SM (16), MD (17.5), LG (19), XL (21)	SM (16), MD (17.5), LG (19), XL (21)	SM (15.5), MD (17.5), LG (19), XL (21)	SM (16), MD (17.5), LG (19), XL (21)	SM (16), MD (17.5), LG (19), XL (21)	SM (16), MD (17.5), LG (19), XL (21)	SM (16), MD (17.5), LG (19), XL (21)
Frame	Fisher Race Day 6066-T6 aluminum main frame, Genesis 29" Geometry, 3"/76mm rear wheel travel	Fisher Race Day 6066-T6 aluminum main frame, Genesis 29" Geometry, 3"/76mm rear wheel travel	Platinum Series ZR9000 internally and externally butted aluminum, Genesis 29" Geometry	True Temper OX Platinum 29 w/eccentric bottom bracket	Platinum Series ZR9000 internally and externally butted aluminum, Genesis 29" Geometry	Platinum Series ZR9000 internally and externally butted aluminum, Genesis 29" Geometry	Platinum Series ZR9000 SS internally and externally butted aluminum w/eccentric bottom bracket, Genesis 29" Geometry	Fisher Race Day 6066-T6 aluminum main frame, Genesis Geometry, 3"/76mm rear wheel travel	Fisher Race Day 6066-T6 aluminum main frame, Genesis Geometry, 3"/76mm rear wheel travel	Fisher Race Day 6066-T6 aluminum main frame, Genesis Geometry, 3"/76mm rear wheel travel	HiFi Platinum Series 6061 T6 butted and formed aluminum, disc specific, G2 Geometry, 4.7"/120mm rear wheel travel	HiFi Platinum Series 6061 T6 butted and formed aluminum, disc specific, G2 Geometry, 4.7"/120mm rear wheel travel	HiFi Platinum Series 6061 T6 butted and formed aluminum, disc specific, G2 Geometry, 4.7"/120mm rear wheel travel	HiFi Platinum Series 6061 T6 butted and formed aluminum, disc specific, G2 Geometry, 4.7"/120mm rear wheel travel
Swingarm	Race Day 29" 6066 elevated chainstay swingarm with external, mechanically fastened pivots	Race Day 6066 elevated chainstay swingarm with external, mechanically fastened pivots	N/A	N/A	N/A	N/A	N/A	Race Day 6066 elevated chainstay swingarm with external, mechanically fastened pivots	Race Day 6066 elevated chainstay swingarm with external, mechanically fastened pivots	Race Day 6066 elevated chainstay swingarm with external, mechanically fastened pivots	HiFi 6061 asymmetric chainstays, FourBarrel bearing seatstay pivots, press-fit main and linkage bearing pivots	HiFi 6061 asymmetric chainstays, FourBarrel bearing seatstay pivots, press-fit main and linkage bearing pivots	HiFi 6061 asymmetric chainstays, FourBarrel bearing seatstay pivots, press-fit main and linkage bearing pivots	HiFi 6061 asymmetric chainstays, FourBarrel bearing seatstay pivots, press-fit main and linkage bearing pivots
Fork	RockShox Reba Race Air 29, 80mm travel	RockShox Reba SL Air 29, 80mm travel	RockShox Reba Race Air 29, 80mm travel	RockShox Reba Race Air 29, 80mm travel	RockShox Reba SL Air 29, 80mm travel	RockShox Tora 318 Air 29, 80mm travel	RockShox Reba SL Dual Air 29, 80mm travel	RockShox SID World Cup, 80mm travel	Manitou R7 Super w/lockout, 80mm travel	Manitou R7 Comp w/lockout, 80mm travel	Manitou Minute Super Air w/lockout, 120mm travel	Manitou Minute Comp Air, 120mm travel	Manitou Relic Super Air w/lockout, 120mm travel	Manitou Relic Comp w/lockout, 120mm travel
Rear Shock	Manitou S-Type SRL	Manitou Radium RL	N/A	N/A	N/A	N/A	N/A	Manitou S-Type SRL	Manitou S-Type SRL	Manitou Radium RL	Fox RP23	Fox RP3	Fox RP3	Fox RP3
Headset	Cane Creek S1	Aheadset semi-cartridge	Cane Creek S3	Aheadset semi-cartridge	Aheadset semi-cartridge	Aheadset semi-cartridge	Cane Creek S1	Cane Creek S8	Cane Creek S1	Aheadset semi-cartridge	Cane Creek S3	Aheadset semi-cartridge	Aheadset semi-cartridge	Aheadset semi-cartridge
Crank	Bontrager Race GXP 44/32/22	Shimano Deore M540 Hollowtech 44/32/22 w/XT spline	Bontrager Race GXP 44/32/22	Bontrager Race Lite 44/32/22	Shimano Select 44/32/22	Shimano M442 Octalink 44/32/22	Bontrager Race Lite SS 32t	Bontrager Race X Lite Carbon GXP 44/32/22	Bontrager Race GXP 44/32/22	Shimano Deore M540 Hollowtech 44/32/22 w/XT spline	Shimano XT 44/32/22	Bontrager Race GXP 44/32/22	Shimano Deore M540 Hollowtech 44/32/22 w/XT spline	Shimano M442-8 Octalink 44/32/22
Pedals	N/A	Shimano M505 clipless	Shimano M505 clipless	Shimano M505 clipless	Shimano M505 clipless	Shimano M505 clipless	Shimano M505 clipless	N/A	Shimano M520 clipless	Shimano M505 clipless	Shimano M520 clipless	Shimano M520 clipless	Shimano M505 clipless	N/A
Front Derailleur	Shimano LX	Shimano LX	Shimano XT	Shimano LX	Shimano Deore	Shimano Deore	N/A	Shimano XTR	Shimano LX	Shimano Deore	Shimano LX	Shimano LX	Shimano Deore	Shimano Deore
Rear Derailleur	SRAM X.9	SRAM X.7	SRAM X.9	SRAM X.9	SRAM X.7	Shimano Deore	N/A	SRAM X.0	Shimano XT	Shimano LX	Shimano XTR	Shimano XTR	Shimano XT	Shimano Deore
Shifters	SRAM X.9	SRAM X.7	SRAM X.9	SRAM X.9	SRAM X.7	Shimano Deore	N/A	SRAM X.0	Shimano LX	Shimano Deore	Shimano LX	Shimano LX	Shimano Deore	Shimano Deore
Cassette	SRAM PG970, 9 speed	SRAM PG950, 9 speed	SRAM PG970, 9 speed	SRAM PG970, 9 speed	SRAM PG950, 9 speed	SRAM PG950, 11-34, 9 speed	18t, 1/2 x 1/8"	SRAM PG990, 9 speed	SRAM PG970, 9 speed	SRAM PG950, 9 speed	SRAM PG970, 9 speed	SRAM PG970, 9 speed	SRAM PG950, 9 speed	SRAM PG950, 9 speed
Wheels	Bontrager Race Disc 29	Bontrager SuperStock Disc 29	Bontrager Race Disc 29	Bontrager Race Disc 29	Bontrager SuperStock Disc 29	Shimano M475 disc hubs, Bontrager Ranger Disc rims	Bontrager Race 29 Disc SS	Bontrager Race Lite Disc	Bontrager Race Disc	Bontrager Select Disc	Bontrager Race Lite Disc	Bontrager Race Disc	Bontrager Select Disc	Shimano M475 disc hubs, Bontrager Ranger Disc rims
Tires	Bontrager Jones XR 29x2.25/2.2	Bontrager Jones XR 29x2.25/2.2	Bontrager Jones XR 29x2.25/2.2	Bontrager Jones ACX 29x2.2	Bontrager Jones XR 29x2.25/2.2	Bontrager Jones XR 29x2.25/2.2	Bontrager Jones XR 29x2.25/2.2	Bontrager Jones XR 26x2.25/2.2	Bontrager Jones XR 26x2.25/2.2	Bontrager Jones XR 26x2.25/2.2	Bontrager Jones XR 26x2.25/2.2	Bontrager Jones XR 26x2.25/2.2	Bontrager Jones XR 26x2.25/2.2	Bontrager Jones XR 26x2.25/2.2
Brakes	Avid Juicy 5 hydraulic disc	Avid BB7 mechanical disc	Avid Juicy 5 hydraulic disc	Avid BB7 mechanical disc	Avid BB7 mechanical disc	Avid BB5 mechanical disc	Avid BB7 mechanical disc	Avid Juicy 7 hydraulic disc	Avid Juicy 5 hydraulic disc	Avid BB7 hydraulic disc	Avid Juicy 7 hydraulic disc	Avid Juicy 5 hydraulic disc	Avid Juicy 3 hydraulic disc	Avid BB5 mechanical disc
Handlebar	Bontrager Race Lite Big Sweep OS	Bontrager Select Big Sweep OS	Bontrager Race Lite Big Sweep OS	Bontrager Race Lite Big Sweep OS	Bontrager Select Big Sweep OS	Bontrager Crowbar Sport, 25mm rise	Bontrager Select Big Sweep	Bontrager Race X Lite Carbon riser	Bontrager Race OS riser	Bontrager Crowbar Select OS riser	Bontrager Race Lite OS riser	Bontrager Race OS riser	Bontrager Select OS riser	Bontrager Sport riser
Stem	Bontrager Race OS, 7d	Bontrager Select OS, 7d	Bontrager Race OS, 7d	Bontrager Race OS, 7d	Bontrager Select OS, 7d	Bontrager Sport, 10d	Bontrager Select OS, 7d	Bontrager Race XXX Lite OS, 12d	Bontrager Race OS, 7d	Bontrager Select OS, 7d	Bontrager Race Lite OS, 7d	Bontrager Race OS, 7d	Bontrager Select OS, 7d	Bontrager Sport, 7d
Saddle	Bontrager Race Lux	Bontrager Race Lux	Bontrager Race Lux	Bontrager Select	Bontrager Race Lux	Bontrager Race Lux	Bontrager Race Lux	Bontrager Race Lite Lux	Bontrager Race Lux	Bontrager Race Lux	Bontrager Race	Bontrager Race	Bontrager Select	Bontrager Select
Seatpost	Bontrager Race X Lite ACC Carbon	Bontrager Select	Bontrager Select	Bontrager Select	Bontrager Sport	Bontrager Sport	Bontrager Sport	Bontrager Race X Lite ACC Carbon	Bontrager Race X Lite ACC	Bontrager Select	Bontrager Race Lite	Bontrager Race	Bontrager Select	Bontrager Sport

Model	Fat Possum XO	Fat Possum XT	Fat Possum LX	King Fisher 1	King Fisher 2	Ferrous	Big Sur	Hoo Koo E Koo	Tassajara Disc	Tassajara	Piranha	Marlin	Wahoo Disc	Wahoo
Page	29	30	31	33	33	35	36	36	37	37	38	39	40	40
Color 1	Metallic Black	Light Gray	Prime Blue	Matte Prime Blue	Gunmetal Blue	Gloss Orange	Matte Silver/ Matte Black	Metallic Silver/ Metallic Blue	Metallic Red/ Metallic Black	Metallic Black/ Metallic Yellow	Candy Blue/ Metallic Black	Metallic Black/ Ball Burnished	Metallic Black/Warm Silver Metallic	Metallic Black/ Metallic Red
Color 2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Chi Red/Metallic Black	N/A	Metallic Black/ Metallic Orange	N/A	Metallic Black/Warm Silver Metallic
Sizes	SM (16), MD (17.5), LG (19), XL (21)	SM (16), MD (17.5), LG (19), XL (21)	SM (16), MD (17.5), LG (19), XL (21)	SM (15.5), MD (17.5), LG (19)	SM (15.5), MD (17.5), LG (19)	SM (15.5), MD (17.5), LG (19), XL (21)	SM (15.5), MD (17.5), LG (19), XL (21)	XS (13), SM (15.5), MD (17.5), LG (19), XL (21)	XS (13), SM (15.5), MD (17.5), LG (19), XL (21)	XS (13), SM (15.5), MD (17.5), LG (19), XL (21)	XS (13), SM (15.5), MD (17.5), LG (19), XL (21)	XS (13), SM (15.5), MD (17.5), LG (19), XL (21)	XS (13), SM (15.5), MD (17.5), LG (19), XL (21)	XS (13), SM (15.5), MD (17.5), LG (19), XL (21)
Frame	Platinum Series ZR9000 externally butted aluminum main, 6061 T6 aluminum swing, Genesis All Mountain Geometry, 67"/152mm rear wheel travel	Platinum Series ZR9000 externally butted aluminum main, 6061 T6 aluminum swing, Genesis All Mountain Geometry, 67"/152mm rear wheel travel	Platinum Series ZR9000 externally butted aluminum main, 6061 T6 aluminum swing, Genesis All Mountain Geometry, 67"/152mm rear wheel travel	King Fisher ZR9000 aluminum, hydroformed top and downtube, 1.5" externally reinforced headtube, 7"/178mm rear wheel travel	King Fisher ZR9000 aluminum, hydroformed top and downtube, 1.5" externally reinforced headtube, 7"/178mm rear wheel travel	True Temper OX Platinum w/eccentric bottom bracket	Platinum Series ZR9000 internally and externally butted aluminum, Genesis Geometry	Platinum Series ZR9000 internally and externally butted aluminum, Genesis Geometry	Gold Series 6061 T6 internally and externally butted aluminum, Genesis Geometry	Gold Series 6061 T6 internally and externally butted aluminum, Genesis Geometry	Gold Series 6061 T6 internally and externally butted aluminum, Genesis Geometry	Gold Series 6061 T6 internally and externally butted aluminum, Genesis Geometry	Gold Series 6061 T6 internally and externally butted aluminum, Genesis Geometry	Gold Series 6061 T6 internally and externally butted aluminum, Genesis Geometry
Swingarm	6061 T6 aluminum, box channel main pivot, external 38mm OD cartridge bearings with eccentric cam	6061 T6 aluminum, box channel main pivot, external 38mm OD cartridge bearings with eccentric cam	6061 T6 aluminum, box channel main pivot, external 38mm OD cartridge bearings with eccentric cam	6061 T6 aluminum asymmetric swingarm, external 38mm OD cartridge bearings with eccentric cam, replaceable dropouts	6061 T6 aluminum asymmetric swingarm, external 38mm OD cartridge bearings with eccentric cam, replaceable dropouts	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Fork	Manitou Nixon Platinum Intrinsic, 145mm travel	Fox Float RLC, 140mm travel	Fox Float RL, 140mm travel	Manitou Travis Single Intrinsic, 180mm travel	Manitou Travis Single TPC, 180mm travel	RockShox Revelation 409 Dual Air, 115mm travel	Fox F100 RL w/lockout, 100mm travel	Manitou Sliver Super w/lockout, 100mm travel	Manitou Slate Super w/lockout, 100mm travel	Manitou Slate Super w/lockout, 100mm travel	Manitou Axel Elite w/TPC Lockout, 100mm travel	Manitou Axel Elite w/TPC Lockout, 100mm travel	RockShox Dart 1 w/preload, 100mm travel	RockShox Dart 1 w/preload, 100mm travel
Rear Shock	Manitou Swinger X3	Manitou Swinger X3	Manitou Swinger X3	Fox DHX 4.0 coil	Fox DHX 4.0 coil	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Headset	Cane Creek S3	Cane Creek S3	Aheadset semi-cartridge	Cane Creek Double X 1.5, cartridge, sealed	Cane Creek Double X 1.5, cartridge, sealed	Cane Creek S3	Aheadset cartridge	Aheadset cartridge	Aheadset semi-cartridge	Aheadset semi-cartridge	Aheadset semi-cartridge	Aheadset, semi-cartridge, sealed	Aheadset semi-cartridge	Aheadset, semi-cartridge, sealed
Crank	Bontrager Race Lite GXP 44/32/22	Bontrager Race GXP 44/32/22	Shimano Deore M540 Hollowtech 44/32/22 w/XT spline	Bontrager King Earl 32/22 w/Rock Ring	Bontrager Big Earl 32/22 w/Rock Ring	Bontrager Race Lite GXP 44/32/22	Shimano LX	Shimano Deore M540 Hollowtech Octalink 44/32/22	Shimano M442-8 Octalink 44/32/22	Shimano M442-8 Octalink 44/32/22	Shimano M410 42/32/22	Bontrager Sport 42/32/22	Shimano M341 42/32/22	Shimano MC09 42/32/22
Pedals	N/A	N/A	N/A	Bontrager King Earl Freeride platform	Bontrager Big Earl Freeride platform	N/A	Shimano M505 clipless	Shimano M505 clipless	Shimano M505 clipless	Alloy platform	Alloy platform	Alloy platform	Alloy platform	Nylon platform
Front Derailleur	Shimano XT	Shimano LX	Shimano Deore	Shimano M761 XT	Shimano M580 LX	Shimano M580	Shimano LX	Shimano M580	Shimano Deore	Shimano Deore	Shimano Alivio	Shimano Alivio	Shimano Acera	Shimano Acera
Rear Derailleur	SRAM XO	Shimano XT	Shimano LX	SRAM X.0	SRAM X.9	SRAM X.9	Shimano XT	Shimano M571	Shimano LX	Shimano LX	Shimano Deore	Shimano Deore	Shimano Deore	Shimano Alivio
Shifters	SRAM XO	Shimano LX	Shimano Deore	SRAM X.0 Triggers	SRAM X.7 Triggers	SRAM X.9	Shimano LX	Shimano LX	Shimano Deore	Shimano Deore	Shimano Deore	Shimano Alivio	Shimano EF50	Shimano EF50
Cassette	SRAM PG990, 9 speed	SRAM PG950, 9 speed	SRAM PG950, 9 speed	SRAM PG990, 11-34, 9 speed	SRAM PG970, 11-34, 9 speed	SRAM PG970, 9 speed	SRAM PG970, 11-32, 9 speed	SRAM PG950, 11-32, 9 speed	SRAM PG950, 11-32, 9 speed	SRAM PG950, 11-32, 9 speed	SRAM PG950, 11-32, 9 speed	SRAM PG830, 11-32, 8 speed	SRAM HG50, 11-32, 8 speed	SRAM PG830, 11-32, 8 speed
Wheels	Bontrager Rhythm Elite	Bontrager Rhythm Comp	Bontrager Select Disc	Bontrager King Earl w/20mm thru-axle	Bontrager Earl w/20mm thru-axle	Bontrager Race Disc	Bontrager Select	Shimano M525 disc hubs, Bontrager Ranger Disc rims	Shimano M525 disc hubs, Bontrager Ranger Disc rims	Shimano M525 disc hubs, Bontrager Camino rims	Shimano M475 disc hubs, Bontrager Ranger Disc rims	Alloy front hub w/RM60 rear hub, Bontrager Camino rims	Shimano M65 hubs, Bontrager Ranger Disc rims	Alloy front hub w/Shimano RM60 rear hub, Bontrager Camino rims
Tires	Bontrager Jones ACX 26x2.35	Bontrager Jones ACX 26x2.35	Bontrager Jones ACX 26x2.35	Bontrager Big Earl 26x2.5 w/SCC	Bontrager Big Earl 26x2.5 w/SCC	Bontrager Jones ACX 26x2.2	Bontrager Jones XR 26x2.25/2.2	Bontrager Jones XR 26x2.25/2.2	Bontrager Jones XR 26x2.25/2.2	Bontrager Jones XR 26x2.25/2.2	Bontrager Jones XR 26x2.25/2.2	Bontrager Jones XR 26x2.25/2.2	Bontrager Jones XR 26x2.25/2.2	Bontrager Jones XR 26x2.25/2.2
Brakes	Avid Juicy 7 hydraulic disc	Avid Juicy 5 hydraulic disc	Hayes HFX 9 hydraulic disc	Hayes HFX MAG hydraulic disc, 8" rotor	Hayes HFX MAG hydraulic disc, 8" rotor	Avid BB7 mechanical disc	Avid Juicy 3 hydraulic disc	Avid Juicy 3 hydraulic disc	Hayes Sole XC hydraulic disc	Avid SD3	Avid BB5 mechanical disc	Avid SD3 V	Shimano M465 mechanical disc	Tektro V
Handlebar	Bontrager Race Lite OS riser	Bontrager Race OS riser	Bontrager Select OS riser	Bontrager King Earl OS Riser	Bontrager Big Earl OS Riser	Bontrager Race Lite Big Sweep OS	Bontrager Crowbar Select OS	Bontrager Crowbar Select OS	Bontrager Crowbar Sport, 25mm rise	Bontrager Crowbar Sport, 25mm rise	Bontrager Crowbar Sport, 25mm rise	Bontrager Crowbar Sport, 25mm rise	Bontrager Crowbar Sport, 25mm rise	Bontrager Crowbar Sport, 25mm rise
Stem	Bontrager Race X Lite OS, 7d	Bontrager Race OS, 7d	Bontrager Select OS, 7d	Bontrager King Earl 1.5, 10d rise	Bontrager Big Earl 1.5, 10d rise	Bontrager Race OS, 7d	Bontrager Select OS, 7d	Bontrager Select OS, 7d	Bontrager Sport, 10d	Bontrager Sport, 10d	Bontrager Sport, 10d	Bontrager Sport, 10d	Bontrager Sport, 10d	Bontrager Sport, 25d
Saddle	Bontrager Select	Bontrager Select	Bontrager Select	Bontrager Big Earl, 8mm cromoly rails	Bontrager Earl Kevlar, 8mm cromoly rails	Bontrager Select	Bontrager Race Lux	Bontrager Select	Bontrager Select	Bontrager Select	Bontrager Select	Bontrager Select	Bontrager Select	Bontrager Select
Seatpost	Bontrager Race X Lite ACC Carbon	Bontrager Race	Bontrager Select	Bontrager King Earl	Bontrager Big Earl	Bontrager Race	Bontrager Select	Bontrager Select	Bontrager Sport	Bontrager Sport	Bontrager Sport	Bontrager Sport	Bontrager Sport	Bontrager Sport

Model	Advance	Tarpon	Mako	PhD	Bitter	Mullet Single Speed	Mullet	Opie	HiFi Deluxe GS	HiFi Plus GS	Big Sur GS	Tassajara Disc GS	Marlin GS
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Color 1	Pearl White/ Metallic Silver	Metallic Black/Metallic Blue	Metallic Black/ Metallic Charcoal	Commando Green	Metallic Silver	Metallic Red	Pyrite	Black	Matte Lichen Green Metallic	Matte Saint Moritz Blue Metallic	Metallic Silver/Pearl White	Metallic Light Blue	Light Blue Metallic/ Medium Blue Metallic
Color 2	Metallic Black/Cream Pearl	Metallic Black/Metallic Green	Metallic Yellow/ Metallic Blue	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Sizes	XS (13), SM (16), MD (18), LG (19.5), XL (21.5), Stepthrough XS (13), SM (16), MD (18)	XS (13), SM (16), MD (18), LG (19.5), XL (21.5), Stepthrough XS (13), SM (16), MD (18)	XS (13), SM (16), MD (18), LG (19.5), XL (21.5), Stepthrough XS (13), SM (16), MD (18)	SM, MD, LG	XS (13), SM (15.5), MD (17.5), LG (19)	XS (13), SM (15.5), MD (17.5), LG (19), XL (21)	XS (13), SM (15.5), MD (17.5), LG (19), XL (21)	XS (13), SM (15.5), MD (17.5), LG (19), XL (21)	XS (14), SM (15.5), MD (17.5)	XS (14), SM (15.5), MD (17.5)	XS (13), SM (15.5), MD (17.5)	XS (13), SM (15.5), MD (17.5)	XS (13), SM (15.5), MD (17.5)
Frame	Silver Series aluminum ATB	Silver Series aluminum ATB	Silver Series aluminum ATB	PHD Oversized ZR9000 and 6061 aluminum, 1.5" reinforced headtube, box section stay, replaceable dropouts	Bigg'ns 6061 straight-gauge aluminum, reinforced headtube, box section top & downtubes, manipulated seat & chainstays, cold-forged dropouts	Bigg'ns 6061 straight-gauge aluminum w/eccentric bottom bracket, reinforced headtube, box section top & downtubes, manipulated seat & chainstays, cold-forged dropouts	Bigg'ns 6061 straight-gauge aluminum, reinforced headtube, box section top & downtubes, manipulated seat & chainstays, cold-forged dropouts	Bigg'ns 6061 straight-gauge aluminum, reinforced headtube, box section top & downtubes, manipulated seat & chainstays, cold-forged dropouts	HiFi Platinum Series 6061 T6 butted and formed aluminum, disc specific, Genesisters G2 Geometry	HiFi Platinum Series 6061 T6 butted and formed aluminum, disc specific, Genesisters G2 Geometry	Platinum Series ZR9000 internally and externally butted aluminum, Genesisters Geometry	Gold Series 6061 T6 internally and externally butted aluminum, Genesisters Geometry	Gold Series 6061 T6 internally and externally butted aluminum, Genesisters Geometry
Swingarm	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	HiFi 6061 asymmetric chainstays, FourBarrel bearing seatstay pivots, press-fit main and linkage bearing pivots	HiFi 6061 asymmetric chainstays, FourBarrel bearing seatstay pivots, press-fit main and linkage bearing pivots	N/A	N/A	N/A
Fork	RST Capa T7 w/ preload, 75mm travel	RST 191 C7, 63mm travel	Hiten ATB	RockShox Pike 409 Coil U-Turn, 95-140mm travel	Manitou Splice Super w/rapid-travel winddown, 100-130mm travel	Manitou Slate Comp, 100mm travel	Manitou Slate Comp, 100mm travel	RST Gila Plus T7, 100mm travel	Manitou Minute Comp Air, 120mm travel	Manitou Relic Super Air w/lockout, 120mm travel	Fox F100 RL w/lockout, 100mm travel	Manitou Slate Super w/lockout, 100mm travel	Manitou Axel Elite w/TPC Lockout, 100mm travel
Rear Shock	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Fox RP3	Fox RP3	N/A	N/A	N/A
Headset	Aheadset, semi-cartridge, sealed	Aheadset, semi-cartridge, sealed	Threaded w/semi-cartridge bearings, sealed	Cane Creek 1.5 flush, 1-1/8" reducers, cartridge, sealed	Mallet Aheadset, semi-cartridge, sealed	Mallet Aheadset, semi-cartridge, sealed	Mallet Aheadset, semi-cartridge, sealed	Aheadset, semi-cartridge, sealed	Aheadset semi-cartridge	Aheadset semi-cartridge	Aheadset cartridge	Aheadset semi-cartridge	Aheadset semi-cartridge
Crank	SR XCC-102 42/34/24	SR XCC-T208 42/34/24	SR XCC-T208 42/34/24	Bontrager King Earl 38t w/Truvativ BoxGuide	Bontrager Earl 32/22 w/bash guard	Bontrager Earl SS 32t	Bontrager Big Earl 42/32/22	SR XCC-102 42/34/24	Bontrager Race GXP 44/32/22	Shimano Deore M540 Hollowtech 44/32/22 w/XT spline	Shimano LX	Shimano M442-8 Octalink 44/32/22	Bontrager Sport 42/32/22
Pedals	Nylon platform	Nylon platform	Nylon platform	Bontrager Big Earl Freeride platform	Alloy platform	Alloy platform	Alloy platform	Alloy platform	Shimano M520 clipless	Shimano M505 clipless	Shimano M505 clipless	Shimano M505 clipless	Allow platform
Front Derailleur	Shimano C050	Shimano C051	Shimano C051	N/A	Shimano Alivio	N/A	Shimano Acera	Shimano C050	Shimano LX	Shimano Deore	Shimano LX	Shimano Deore	Shimano Alivio
Rear Derailleur	Shimano Alivio	Shimano Acera	Shimano TX50	SRAM X.9	Shimano Deore	N/A	Shimano Alivio	Shimano Acera	Shimano XTR	Shimano XT	Shimano XT	Shimano LX	Shimano Deore
Shifters	Shimano EF50	Shimano EF50	Shimano EF50	SRAM X.7 Triggers	Shimano Deore	N/A	Shimano EF50	Shimano EF50	Shimano LX	Shimano Deore	Shimano LX	Shimano Deore	Shimano Alivio
Cassette	SRAM PG830, 11-32, 8 speed	Sunrace, 13-34, 7 speed	Sunrace, 13-34, 7 speed	SRAM PG950, 11-34, 9 speed	SRAM PG950, 11-34, 9 speed	Single cog, 18t	SRAM PG830, 11-32, 8 speed	SRAM PG830, 11-32, 8 speed	SRAM PG970, 9 speed	SRAM PG950, 9 speed	SRAM PG970, 11-32, 9 speed	SRAM PG950, 11-32, 9 speed	SRAM PG830, 8 speed
Wheels	Alloy front hub w/Shimano RM30 rear hub, Matrix 550 rims	Alloy hubs, Matrix 550 rims	Alloy hubs, Matrix 550 rims	Bontrager King Earl wheelsystem w/20mm Thru axle	Shimano M475 disc hubs, Sun Ditchwitch alloy rims	Shimano M475 front hub w/Bontrager Race Disc SS rear hub, Sun Rhyno Lite rims	Shimano M475 disc hubs, Sun Rhyno Lite rims	Alloy front hub w/Shimano RM30 rear hub, Sun Rhyno Lite rims	Bontrager Race Disc	Bontrager Select Disc	Bontrager Select	Shimano M525 disc hubs, Bontrager Ranger Disc rims	Alloy front hub w/Shimano rear hub, Bontrager Camino rims
Tires	Bontrager Connection Trail, 26x2.0	Bontrager Connection Trail, 26x2.0	Bontrager Connection Trail, 26x2.0	Bontrager Urban Earl 26x2.0	Bontrager Earl, 26x2.4	Bontrager Earl 26x2.4	Bontrager Earl 26x2.4	Bontrager Earl, 26x2.4	Bontrager Jones XR 26x2.25/2.2	Bontrager Jones XR 26x2.25/2.2	Bontrager Jones XR 26x2.25/2.2	Bontrager Jones XR 26x2.25/2.2	Bontrager Jones XR 26x2.25/2.2
Brakes	Tektro V	Tektro V	Tektro V	Avid BB7 mechanical disc, 6" rotor	Hayes Sole XC hydraulic disc	Hayes MX-2 mechanical disc	Hayes MX-2 mechanical disc	Tektro V	Avid Juicy 5 hydraulic disc	Avid Juicy 3 hydraulic disc	Avid Juicy 3 hydraulic disc	Hayes Sole XC hydraulic disc	Avid SD3 V
Handlebar	High tensile steel, 30mm rise	High tensile steel, 30mm rise	High tensile steel, 30mm rise	Bontrager Earl OS Riser	Bontrager Big Earl OS, 50mm rise	Bontrager Earl OS	Bontrager Earl OS	High tensile steel riser	Bontrager Race OS riser	Bontrager Select OS riser	Bontrager Crowbar Select OS	Bontrager Crowbar Sport, 25mm rise	Bontrager Crowbar Sport, 25mm rise
Stem	Steel, 25d (women's: 40d)	Steel, 25d (women's: 40d)	Steel, 25d (women's: 40d)	Bontrager King Earl OS, 10d rise	Bontrager Earl OS, 10d	Bontrager Earl OS, 10d	Bontrager Earl OS, 10d	Bontrager, 15d	Bontrager Race OS, 7d	Bontrager Select OS, 7d	Bontrager Select OS, 7d	Bontrager Sport, 10d	Bontrager Sport, 10d
Saddle	Bontrager Sport	Bontrager Sport	Bontrager Sport	Bontrager Earl Jump	Bontrager Earl K	Bontrager Earl Jump	Bontrager Earl Jump	Bontrager Earl	Bontrager Race FIT	Bontrager Select FIT	Bontrager Select FIT	Bontrager Select FIT	Bontrager Select FIT
Seatpost	Bontrager Approved	Bontrager Approved	Bontrager Approved	Bontrager King Earl	Bontrager Sport	Bontrager Sport	Bontrager Sport	Bontrager Approved	Bontrager Race	Bontrager Select	Bontrager Select	Bontrager Sport	Bontrager Sport