

THE  
POWER  
OF  
BICYCLES

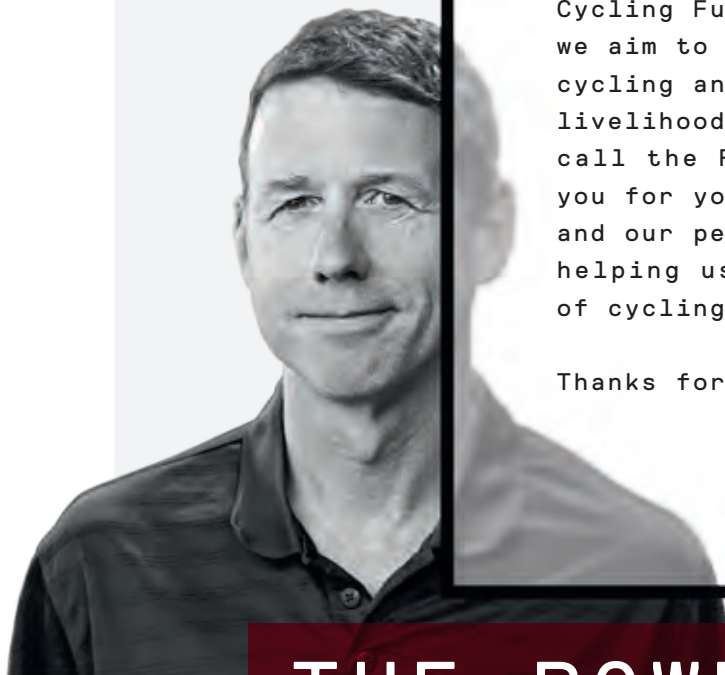
2016  
SRAM  
PRODUCT  
COLLECTIONS

# ROAD URBAN MOUNTAIN TAIN

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At SRAM, we believe in the Power of Bicycles. At SRAM, we design and manufacture components to inspire cyclists around the globe. At SRAM, we are a global group of over 3000 passionate innovators who value commitment, collaboration, and integrity above all. At SRAM, we strive for excellence in product quality such that we exceed your expectations and experiences. At SRAM, we care about our environment and the people of the world. With the establishment of the SRAM Cycling Fund & World Bicycle Relief, we aim to increase awareness of cycling and to improve peoples livelihood through this belief we call the Power of Bicycles. Thank you for your support of our products and our people, and thank you for helping us expand the potential of cycling.

Thanks for riding our components.

Stan Day  
SRAM, President

THE POWER  
OF BICYCLES







photo : © Velimages 2015





# THE

photo : © Nils Nilsen













## > OPEN THE ROAD

*The definition of road is changing. Paved or not. Cyclocross or triathlon. Criterium racing or unchartered journeys. SRAM provides the tools and technology to meet each challenge.*

*Whether riding is simply part of your lifestyle or the craft of your livelihood, we're bringing the most intuitive and technologically superior drivetrains and braking systems for the new era of road rider, no matter the field of play.*

*Our goal is to enable riders to grow their passion for cycling by inspiring them to hone their cycling craft, achieve goals and become lifetime athletes. In short, to open the road.*

**SRAM**







## › A UNIQUE BRAND OF ADVANCEMENT

**SRAM** approaches product development with this grounding philosophy:

**TRUE ADVANCEMENT** achieves higher levels of performance for both bike and rider. With more elegant, simple and intuitive design, SRAM's approach to the bicycle enhances the whole cycling experience, from set up, to reliability, maintenance and the ride.

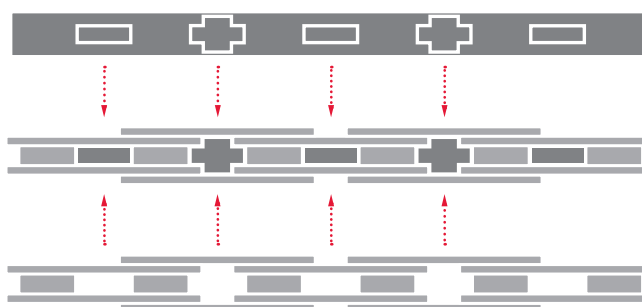


SRAM 1x™ single chainring drivetrains are more than a collection of a few well made components – they are components made perfectly for each other. For SRAM Force 1, we've married the best road technologies to the essential ingredients of 1x. SRAM 1x™ (*say: one-by*)

## > **EVERYTHING YOU NEED NOTHING YOU DON'T**

While we understand that one tool isn't right for every job, we believe SRAM 1x™ drivetrains can inspire a new era for 700c bicycles. When deployed as a tool for the right application, 1x can make a better bike. And rider.

For specific applications, SRAM 1x is the only one you need: less weight, better chain control and the ability to sync up with any riding style. Our 1x drivetrain philosophy is focused on how components work together—crank to ring, tooth to chain, shifter to derailleur. Quietly simplifying the experience, SRAM 1x takes you further.



**X-SYNC™** Chain ring

**X-SYNC™**

**1170™** Chain



### **X-SYNC™**

SRAM X-SYNC™ 1x chainrings provide the highest level of performance and durability. The SRAM X-SYNC™ tall and square tooth design engages the chain earlier than traditional triangle shaped teeth. SRAM X-SYNC™ wide-tooth, narrow-tooth chainring technology provides maximum chain control, crucial in 'cross. The sharp and narrow tooth profile, as well as rounded chamfer edges, helps manage a deflected chain. They feature mud-clearing recesses for the inner chain links and rollers. Designed in Germany, X-SYNC™ rings are an integral part of the SRAM 1x drivetrain. Additionally, X-SYNC™ chainrings are compatible with Quarq brand power meters.



### ROLLER BEARING CLUTCH™

SRAM 1x Derailleur utilizes ROLLER BEARING CLUTCH™ technology to eliminate derailleur bounce and chain slap without sacrificing precision. In much the same way a seat-belt adjuster keeps you secure in your vehicle, ROLLER BEARING CLUTCH's one-way roller clutch controls chain tension for consistent shifting.



### CAGE LOCK™

CAGE LOCK™ technology in the SRAM 1x Rear Derailleur makes wheel removal and installation—as well as chain installation—faster and simpler. Push the cage forward to create slack and lock into place. Simply hit the button for the derailleur to stay open to take the wheel out.



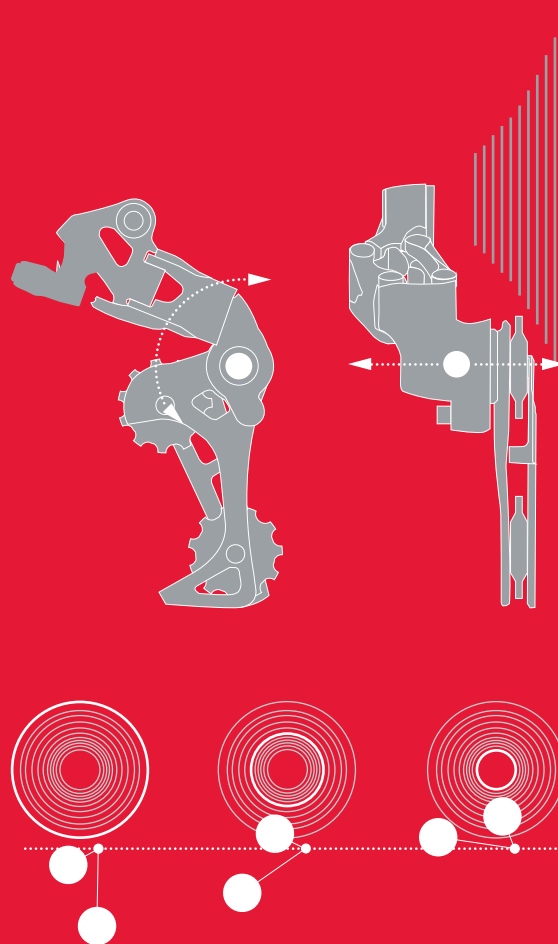
### XD™ DRIVER BODY

XD™ is a driver body design that allows the use of the SRAM 1x™ 10-42 Cassettes and provides an improved interface.



### X-HORIZON™

SRAM's 1x Rear Derailleur's X-HORIZON™ "straight parallelogram" design limits all movement to the horizontal axis, which makes ghost shifting impossible while also reducing shift force. For quicker, more exact shifting, the large upper pulley offset design maintains a constant chain gap across all gears.



Every ride is different. Riding conditions are as reliable as the weatherman.  
And controlling speed is just as important as maximizing it.

# > UNCONDITIONAL BRAKING

So, we created hydraulic solutions for riders who don't let circumstance compromise their ride. It's for the commuter who pedals to work rain or shine. It's for the CX athlete competing in the nastiest conditions imaginable. It's for the purist descending thousands of meters of mountain road, reaching absurd speeds. Hydro disc is braking for unconditional riders.





## TECHNOLOGIES

*We believe hydraulic brakes on the road are the best way to control speed. No matter what level of rider you are, there simply isn't a better system. While the traditionalists within the cyclosphere can be slow to adopt tech, this radical, **HYDROR™** is the future for us, and the sport.*

For 2016 we have six road groupsets featuring a broad complement of hydraulic braking options for both rim and disc brake bikes. Our 2015 revisions to **HYDROR™** deliver on the promise of braking confidence and security that brings speed control and stability to a new level.

### CONFIDENCE INSPIRING

Hydraulic brakes makes for better rides and riders. More control allows us to go faster up, down, across and around everything and anything.

### HYDROR BODY DESIGN

SRAM's **HYDROR™** body design allows for comfort and control while providing critical space necessary for the internal architecture and material placement around the reservoir and master cylinder bore.

### HIGH CAPACITY BLADDER

The high capacity bladder is the primary fluid compensating device for pad wear, and its ability to do its job through its perfect compliance and ability to evacuate the reservoir.

### BLEED PORT

SRAM's bleed port design is all about a simpler interface for setting up and bleeding the brakes - simpler, easier, better.

### SHIFTER PADDLE SHAPE

**HYDROR™**'s unique paddle design has reduced the material on the blade, which lightens the shift lever and provides better finger clearance. A nice feature in colder 'cross season temps when dexterity is compromised or thicker gloves are required.

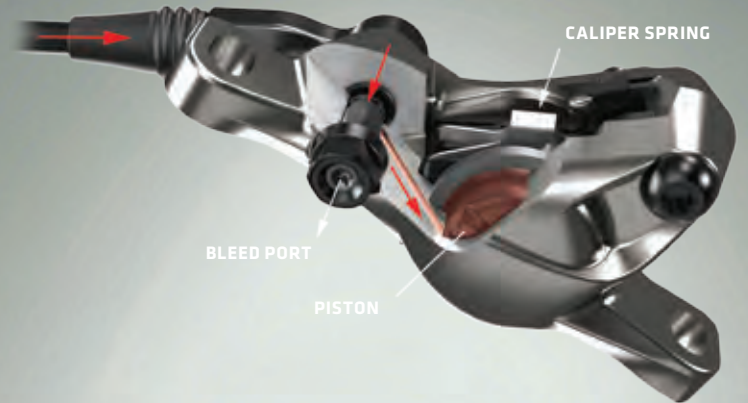
### CALIPER SPRING

It's a small detail, but the **HYDROR™** caliper spring plays a big role, SRAM's spring spreads the pads and maintains consistent rollback and contact point.

### MASTER CYLINDER

At the core of the hydraulic road brakes is the master cylinder piston, with incredible amounts of testing behind it, defines performance and consistency, especially in extreme temperatures.











It takes a degree of passion for riding that can't be faked to fully appreciate **SRAM RED**. It was created to blur the boundaries between machine and athlete.

> **THERE IS A  
LEVEL WHERE  
YOUR EQUIPMENT  
MATCHES YOUR  
DEDICATION**

Discipline, Dedication, Consistency, Sacrifice. These are the qualities of riders riding at the highest level, and they need machinery forged of the same mettle. Powerful and pure. Light and quick. This is **SRAM RED**. It's what real advancement means: Leveraging design and innovation without restraint on performance. Helping to blur the boundaries between bicycle and athlete.

# > RED 22

In the summer of 2015, more than twenty champions drove to their national colors aboard **SRAM RED**.

Loaded with features and benefits that match the needs of Elite riders: fast, light, aerodynamic, ergonomic, near-silent, and, of course, trim-less, with ground breaking **YAW™** technology.

Lightest groupset on the market

Cassette options from 11-25 to 11-32 **WiFLi**

Ultra light **EXOGRAM** cranksets including ; Compact 34x50, Mid-compact 36 x 52 and (130BCD) 39 x 52, 53 and 54 teeth to conquer every course.

3 braking options; **HRR**, **HRD**, and **AEROLINK**

**YAW™** front shifting









photo : © Jake Ornes



Riding is not just a hobby. For you, it's so much more than that. You shape your life around it. And you make life choices to enable it. You compete with conviction.

> **HAVING  
NOTHING BUT  
WHAT YOU NEED  
IS THE BIGGEST  
NEED OF ALL**

You compete with conviction. But you also understand and live by the bigger picture: Riders win races, not bikes. So while you love and admire the machine itself, you understand that it's a vehicle for your pursuit, and not the pursuit itself. For you, advancement means having everything you need. And nothing you don't. This is **SRAM Force** in a nimble nutshell. Innovative, responsive, race ready. The group designed with a clear and unyielding understanding of what you need to compete, with its priorities set solidly in exactly the right places. Just like you.

**SRAM Force 1** is a game-changing upgrade for cyclocross that is now expanding to triathlon, criterium, and other 700c disciplines. Paved and beyond pavement, with the addition of larger chainrings and expanded cassette offerings, Force 1 delivers gearing for every imagination.

# > FORCE 1

**1x** technology started in MTB, was quickly embraced by cyclocross, and now delivers its simplicity to road, gravel, adventure, fitness and triathlon.

Cassette options from 11-25 to 10-42.

Chainrings available in (110 BCD) 38, 40, 42, 44, 46, 48, 50, (130BCD) 52 and 54 teeth to conquer every course.







**SRAM Force 22** delivers nearly all the features of RED with best-in-class ergonomics, efficiency, and function.

# > FORCE 22

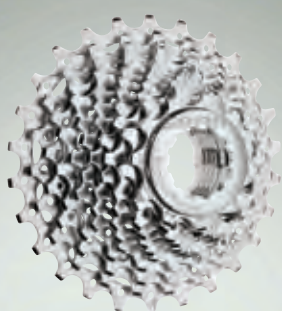
Proven by professional cyclists in training and competition.

Force 22 crankset utilizes unidirectional carbon matched to a forged alloy spider with **X-GLIDE R™** chainrings optimized for use with the **YAW™** Technology front derailleur.

Available in full size and compact ratios in multiple crank arm lengths.









There is an antidote to the rigor and responsibilities of everyday life.  
Getting out for a ride.

> **BECAUSE  
YOU'RE RIDING  
RAIN OR SHINE  
HELL OR HIGH  
WATER**

The bike is everything. It's the machine that takes you to sanity. And a **RIVAL** equipped bike with **HYDROR™** is perfect, because your speeding therapy session requires consistent control for stopping and modulating speed. Like life itself.

**RIVAL ROUTINE.**



*The all-new SRAM Rival 1* delivers immense performance across a broad variety of bikes and disciplines. Rival 1 provides a single-minded proposition to meet each challenge and expand your limits.

# > RIVAL 1

Born on the mountain, 1x was quickly embraced by cyclocross, and now delivers its simplicity to road, gravel, adventure, fitness and triathlon.

Cassette options run from 11-25 to 10-42.

Chainrings available in (110 BCD) 38, 40, 42, 44, 46, 48 and 50 teeth.





**YOUR NEEDS AREN'T LESS DEMANDING, THEY'RE DIFFERENT**

You're a finely tuned rider. Although you may never start a grand tour, that doesn't mean your ride demands any less from your equipment.

**> RIVAL 22**

Purpose built to provide the ergonomics, efficiency and technology demanded by finely tuned cyclists.

Offers same **DOUBLETAP™** shift internals as SRAM RED.

Multiple chainring and cassette options for a wide array of cycling applications.







**WHEN YOU ARE READY TO RIDE**

Riding should be pure joy. It may not be a daily thing, you may not be riding a century just yet, but when you want to ride, you need your bike to be ready. Just get on it and go.

**> APEX**

The notion of advancement is all about having a group that's reliable and ready when you are. A group that holds a tune without finicky maintenance. A group with wide gear ranges so it's easy to turn the pedals at your pace. A group that makes cycling easier - so you can tune into the experience and build on it. So you can do it again. For the joy of it.







#### **S-500 AERO BRAKE LEVER**

Red or black hot anodized aluminum replaces carbon on the SRAM 500 Aero brake levers, while maintaining all the quality, stopping power and aerodynamics of the 900 Aero brake levers.

- Compatible with: RED, Force, Rival, and Apex
- Recommended Group: Rival
- Aluminum

#### **S-900 AERO BRAKE LEVER**

Maximum aero-efficiency doesn't have to mean minimum comfort. The SRAM 900 Aero Brake Lever's ultra-thin, full-carbon-fiber form is shaped to slice through the air while also offering excellent hand fit. The addition of a return spring puts it in a class of its own.

- Compatible with: RED, Force, Rival and Apex
- Recommended Group: Force

Triathlon and time trials, solo cycling pursuits that match rider against the clock.

## > **SOLO BUT NOT ALONE**

Aero, ergonomics and efficiency matter. Help is here from SRAM's wide choice of aero components to deliver precision, super light weight, and custom adjustability.

#### **S-990 AERO BRAKE LEVER**

The BL 990 lever is more than just a lightweight, aerodynamic, and powerful carbon aero brake lever. What makes it truly outstanding is its built-in adjustment feature. A simple turn of a 2mm Allen key frees the lever to spin, allowing the user to make up to eight millimeters of inward or outward adjustment to their brake calipers. Such wide adjustability makes it easy to fine-tune hard to reach brakes on the most innovative aero triathlon and time trial machines.

- Compatible with SRAM RED, Force, Rival, and Apex mechanical brakesets
- Lightweight with carbon fiber lever
- Innovative cable adjustment for easy brake tuning

#### **SRAM AERO CHAINRINGS**

A Proven Winner. Offering the same best-in-class mechanical shifting that you have come to expect, the aero specific 55t big ring is designed for optimized aerodynamics and stiffness. The **YAW™** compatible **X-GLIDE R™** rings are vertically, strong, stiff and aero. The 55/42 combination provides more available gearing for long, high-speed descents. Available in both 22 and 10-speed, SRAM Aero chainrings are designed specifically for use with SRAM **YAW™** front derailleurs.





**AERO SL-500 11 SPEED SHIFTER**

- Recommended Group: Rival
- Aluminum Shifter Blade for lightweight durability
- Aluminum shifter blade for lightweight durability
- Cable Pull – **EXACT ACTUATION™**
- Compatibility 11 speed Rear derailleurs

**AERO SL-900 AERO SHIFTER**

- SRAM Road 11-speed **YAW™** compatible
- Carbon fiber shift lever
- Friction front shifting with adjustable stop – indexed rear
- **EXACT ACTUATION™**

**R2C SHIFTERS**

SRAM's R2C (Return to Center) bar-end shift lever allows you to start in your best aerodynamic position and keeps you there. After every shift it immediately and automatically returns to the starting 'center'. No more stress, awkward hand positions, or loss of concentration. Just focus on your search for speed. The aero shifting blade has been reshaped to provide a superior ergonomic interface and more leverage for easier shifting. An internal bolt enables you to adjust the initial position of the shift lever within a 40 degrees range for a completely customized fit.

**R2C AERO SL-1190 SHIFTER SET**

- New Lever shape for comfort and leverage
- R2C shifters - Return to Center
- Compatible with SRAM **EXACT ACTUATION™** Technology

**SL1090 R2C SHIFTER (NON YAW A1 VERSION)**

- 10-Speed rear
- Non Yaw™ compatible front 2-speed shifter

**SL 1090 AERO SHIFTER (YAW B1 VERSION)**

- Carbon fiber shift lever with Ti hardware

**R2C AERO SL-1150 SHIFTER SET**

- Shift blade made of lightweight alloy
- R2C shifters Return to Center
- Front Shifter **YAW™**
- Rear Shifter 11-Speed Compatible
- Available as a rear shifter only

**R2C AERO SL-1190 SHIFTER SET**

- Shift blade made of carbon
- New Lever shape for comfort and leverage
- R2C shifters - Return to Center
- Compatible with SRAM **EXACT ACTUATION™** Technology
- Available as a rear shifter only

**SL1090 R2C SHIFTER (NON YAW A1 VERSION)**

- 10-Speed rear
- Non Yaw™ compatible front 2-speed shifter

# AVID BRAKES

40

## **BB7 ROAD SL MECHANICAL DISC BRAKES**

This race-ready mechanical disc brake takes the proven power and performance of BB7 and dials it up a few notches with its sleek “Falcon Grey” anodizing and weight-saving hardware. So you’ll be just as confident on the climbs as you are on the descents. Compatible with RED, Force, Rival, and Apex levers.

- Lightweight
- Titanium hardware

## **BB7 ROAD S MECHANICAL DISC BRAKES**

A sleek and stylish upgrade to the best mechanical caliper on the market. The BB7S stainless steel hardware and anodized finish make it right at home on any road-disc build. Compatible with RED, Force, Rival and Apex levers.

- Black anodized finish
- Stainless steel hardware

## **BB7 ROAD MECHANICAL DISC BRAKES**

Smooth, powerful braking performance that’s simple to set up and easy to adjust. Bad weather or rough roads? Not even a factor with BB7’s reliable mechanical performance. Compatible with RED, Force, Rival and Apex levers.

- Road-specific
- Mechanical simplicity
- Adjustability

## **SHORTY ULTIMATE RIM BRAKES**

Our cyclocross brake with the ultimate balance of power, control and weight. The Shorty Ultimate is available in a pre-set wide or narrow stance that allows for greater power (narrow) or increased mud clearance (wide). The Avid Shorty Ultimate is equipped with an in-line cable adjuster, quick release and standard road cartridge pads.

- Top of the line cyclocross rim brake
- Pre-set wide or narrow stance
- Quick release









# ACCESSORIES

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## 1. SLICKWIRE PRO MTB BRAKE KIT

Upgrade to SRAM's premium high-performance cable systems that improve brake actuation.

- Kit includes two clear coated stainless brake cables, compressionless housing and aluminum ferrules.

## 2. SLICKWIRE PRO MTB OR ROAD SHIFT CABLE KIT

The SlickWire Pro shift cable kit is a high-performance upgrade cable system that features a new clear low-friction coated stainless cable, lubricated cable liner, liner seals and compression-free housing. Combined, the result is a sealed cable shift system which greatly reduces shifting effort and protects the cables and liner from contamination, greatly increasing system longevity.

## 3. SRAM RED HYDROR TEXTURED HOOD COVERS

- Replacement hoods for SRAM HydroR shifter/brake levers.
- Available in black

## 4. QUICKVIEW COMPUTER MOUNT

SRAM delivers an uncomplicated computer mount that's easy to install, lightweight, and above all, vibration and slip-free. At only 20 grams, with a single torx T25 bolt, flexible mounting clasp, and a 1/4 twist mount, it installs quickly, simply and securely on any 31.8mm bar surface.

The SRAM QuickView Computer Mount also features a center-offset design so the computer can be placed directly in front of the stem, or flip it to position the computer before the bar for MTB or CycloCross use. Works great with your Quarq power meter!

## 5. POWERLOCK CHAIN CONNECTOR 10-SPEED

- No tools necessary to install
- Allows for quick and easy maintenance
- Comes in 4 pack

## 6. POWERLOCK CHAIN CONNECTOR 11-SPEED

- No tools necessary to install
- Allows for quick and easy maintenance
- Comes in 4 pack

## 7. CABLE CUTTER WITH END CAP CRIMPER

SRAM offers two premium cable cutter tools with useful features that any mechanic will appreciate.

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07



06





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## ➤ **RSM / WOMENS' RACING / NRS**

*SRAM's commitment to road cycling extends beyond designing and producing innovative best-in-class componentry. Our support of top pro cycling teams and triathletes is crucial to product development and testing. In 2015 we've increased our support of women's cycling, including title sponsorship of the Velocio-SRAM team and the Amgen Tour of California Women's Race Empowered with SRAM. Watch also for SRAM Neutral Race Support at top races, gran fondos and charity rides across the world.*





photo :: © Darin Parks



photo :: © Jose Aleja



photo :: © Wil Matthews



photo :: © Wil Matthews









## > OPEN THE ROAD TOUR

*Riders love to explore. New roads. New experiences. New limits. In 2015 we invited riders across North America to join us to do just that. Our Open the Road Tour travelled the continent, treating guest cyclists to a full-day SRAM experience, pedaling bikes with the latest SRAM technologies over some of the nicest paved and unpaved ribbons around. We shared meals and stories, and collected invaluable insights. Most of all, shared many kilometers on the handlebars together. Look for more opportunities to ride with SRAM in 2016.*

Visit **[sram.com](http://sram.com)** for more information.

O P E N   T H E   R O A D









# SPECIFICATIONS



## SRAM RED 22 DRIVETRAIN

	SHIFTER	HYDRO SHIFTER	REAR DERAILEUR	FRONT DERAILEUR	CRANKSET	BRAKESET	HYDRAULIC RIM BRAKESET	HYDRAULIC DISC BRAKESET	SRAM X-GLIDE 1190 CASSETTE	SRAM RED 22 CHAIN
TECHNOLOGY	Yaw™ / Double-Tap™ / Zero-Loss™ on Front and Rear / ErgoDynamics™ Fit / Independent E-Z Access Shift / Brake lever Reach Adjust™	Hydro® / Yaw™ / Double-Tap™ / Zero-Loss™ on Front and Rear / ErgoDynamics™ Fit / Independent E-Z Access Shift / Brake lever Reach Adjust™	Exact Actuation™ / AeroGlide Pulleys™ / High Grade Ceramic bearings™ / WiFLi	Yaw™ Shifting / Hybrid Cage / Integrated Chain Spotter	Exogram™ Hollow Crank Arm and Spider w / X Glide R™ Chainrings / Hidden Bolt Spider Tab	Aerolink™ / Aero QR / Barrel Adjuster	Hydro® / Connectamajig™	Hydro® / Connectamajig™	Powerdome X™ / X Glide™ Cogs / StealthRings™	PowerChain™ / Powerlube™ / Powerlock™ / HollowPin™ / Chrome Hardened Pins
SPEEDS	11 Rear/ 2 Front	11 Rear/ 2 Front	11	2	2	*	*	*	11	11
WEIGHT	280g (Pair)	Weight included in the Hydraulic Rim and Disc Brakesets	145g	69g Braze-On, Chain Spotter with hardware 10.2g	557g (BB30 172.5mm 53x39 BB not included) / 609g (GXP 172.5mm 53x39 BB not included)	240g (Pair)	387 grams per wheel (Lever, Caliper, Housing 600mm)	449 grams per wheel (Lever, Caliper, Hose and 160mm HSX rotor)	151g (11-25T)	242g (SRAM RED 22 / 114 links)
MATERIAL // FINISH	Carbon / Titanium / Textured Hood Covers	Carbon / Titanium / Textured Hood Covers	Carbon Cages / Carbon Inner links / Aero Designed Titanium Hardware // Falcon Grey & Black Anodized Finish	Aluminum Outer Cage / Tool Steel Inner Cage / Composite Tail // Falcon Grey & black Anodized Finish	Carbon Arms / Machined Alloy Rings	Cold-Forged Aluminum Arms / Aero Designed Pinch Bolt / Swiss-Stop™ Pad Compound // Falcon Grey & black Anodized Finish	Forged Aluminum Arms/ SwissStop™ Pad Compound	Forged Aluminum Disc Caliper/ Stainless steel backed pads/ Titanium Hardware	High Grade Tool Steel Cog Cluster / Heat Treatment Process / Heat Treated Aluminum lowest Range Cog/ Elastomer Rings	Nickel Silver / Silver PowerLock™
COMPATIBILITY	SRAM RED 22, Force 22 & Rival 22 Yaw™ Front Derailleurs/ Exact Actuation™ Rear Derailleurs	SRAM RED 22, Force 22 & Rival 22 Yaw Front Derailleurs/ Exact Actuation Rear Derailleurs/ SRAM RED 22, Force 22 & Rival 22 HRR & HRD	SRAM RED 22 & Force 22 Rear Shift/Brake levers	SRAM RED 22, Force 22 & Rival 22 Shift-Brake levers/ SRAM R2C Aero SL-1190, R2C Aero SL-1150, 900 Aero & 500 Aero shifters	SRAM RED 22 & Force 22 Yaw™ Front Derailleurs / SRAM RED 22 & PC1170 chains	SRAM Road shifters	SRAM RED 22, Force 22 & Rival 22 Hydraulic Shift-Brake levers	SRAM RED 22, Force 22 & Rival 22 Hydraulic Shift-Brake levers	SRAM RED 22 chain & SRAM PC-1170 chain	SRAM RED 22 & Force 22 Front & Rear derailleurs, Cranksets and cassettes

Bottom Bracket: GXP (105g) / Press-Fit GXP / BB30 (53g) / Press-Fit 30 - CNC Alloy Cups / High Grade Ceramic Bearings



photo :: ©Nils Nielsen



**SRAM**  
**Force1™**

## SRAM FORCE 1 DRIVETRAIN

	HYDRAULIC SHIFTER (right)	HYDRAULIC BRAKE LEVER (left)	DOUBLETAP® MECHANICAL SHIFTER (right)	MECHANICAL BRAKE LEVER (left)	REAR DERAILLEUR	CRANKSET	SRAM FORCE 1 CHAINRINGS	HYDRAULIC DISC BRAKESET
TECHNOLOGY	HydroR/ DoubleTap™ / Zero-Loss™ / ErgoDynamics™ Fit/ Independent E-Z Access Shift-Brake lever Reach Adjust™	HydroR/ ErgoDynamics™ Fit/ Brake lever Reach Adjust™	DoubleTap™ / Zero-Loss™ / ErgoDynamics™ Fit/ Independent E-Z Access Shift-Brake lever Reach Adjust™	ErgoDynamics™ Fit/ Brake lever Reach Adjust™	X-Horizon™ / Roller-Bearing Clutch™ / Cage Lock™ / X-Sync™ Pulleys/ Short, Medium, & Long Cages	Carbon Fiber Arms/ Hidden Bolt configuration	X-Sync™ Chainring / 38, 40, 42, 44, 46, 48, 50, 52, 54T	HydroR/ Connecta-majig®
SPEEDS	11 Rear	*	11 Rear	*	11 Rear & 10 Rear	1	1	*
WEIGHT	447g per wheel (Lever, Caliper, Hose and 140mm Center line rotor)	431g per wheel (Lever, Caliper, Hose and 140mm Center line rotor)	169g	130g	261g (mid cage)	542g (BB30 172.5mm 42T)/ 710g (GXP 172.5mm 42T)	38T-70g; 40T-79g; 42T-82g; 44T-91g; 46T-101g; 48T-129g; 50T-146g; 52T-143g; 54T-156g	Weight included in the Hydraulic shifters
MATERIAL // FINISH	Carbon Brake Levers, Aluminum Shift Lever // Textured Hood Covers	Carbon Brake Levers // Textured Hood Covers	Aluminum Brake Lever, Aluminum Shift Lever // Textured Hood Covers	Aluminum Brake Lever // Textured Hood Covers	Aluminum Cage/ Cartridge Bearing Pulleys/ Stainless Hardware // Zepher Silver Anodized Finish	Carbon arms/ Forged Spider	Machined & Lathed Chainring	Forged Aluminum Disc Caliper/ Stainless steel backed pads/ Stainless Hardware
COMPATIBILITY	SRAM RED 22, Force 22 & Rival 22/ Exact Actuation™ Rear Derailleurs/ SRAM RED 22, Force 22 & Rival 22 HRR & HRD	SRAM RED 22, Force 22 & Rival 22 HRR & HRD	SRAM RED 22, Force 22 & Rival 22 Exact Actuation™ Rear Derailleurs/ Avid Shorty & Shorty Ultimate Cantilevers/ Avid BB7 Road SL & BB7 Road S Disc Brakes	Avid Shorty & Shorty Ultimate Cantilevers/ Avid BB7 Road SL & BB7 Road S Disc Brakes	SRAM 11 & 10-sp Exact Actuation™ Shifters Short Cage : 11-26 & 11-28 cassettes Mid Cage: 11-26 through 11-36 cassettes Long Cage 11-28 through 10-42 cassettes	110 BCD, 130 BCD	SRAM 11 & 10sp chains 38-50T: 110 BCD 52 & 54T: 130 BCD	SRAM RED 22, Force 22 & Rival 22 Hydraulic Shift-Brake levers

**SRAM**  
**Force22™**

## SRAM FORCE 22 DRIVETRAIN

	SHIFTER	HYDRO SHIFTER	REAR DERAILLEUR	FRONT DERAILLEUR	CRANKSET	HYDRAULIC RIM BRAKESET	HYDRAULIC DISC BRAKESET	BRAKESET	SRAM PG 1170 CASSETTE	SRAM PC 1170 CHAIN
TECHNOLOGY	Yaw™ / Double-Tap™ / Zero-Loss™ on Front and Rear / ErgoDynamics™ Fit/ Independent E-Z Access Shift / Brake Lever Reach Adjust™	Hydro® / Yaw™ / Double-Tap™ / Zero-Loss™ on Front and Rear / ErgoDynamics™ Fit/ Independent E-Z Access Shift / Brake lever Reach Adjust™	Exact Actuation™ / AeroGlide Pulleys™ / WIFLi	Yaw™ Shifting / Hybrid Cage/ Integrated Chain Spotter	Carbon Fiber Arms / X-Glide R™ chainrings/ Hidden Bolt configuration	Hydro® / Connectamajig™	Hydro® / Connectamajig™	Skeletonized Dual Pivot Design with Convex Washers/ Optimized Firecrest compatibility	Semi-spidered steel cogs / PowerGlide™	PowerChain™ / Powerlube™ / Powerlock™ / HollowPin™ / Chrome Hardened Pins
SPEEDS	11 Rear / 2 Front	11 Rear/ 2 Front	11	2	2	*	*	*	11	11
WEIGHT	307g (Pair)	Weight included in the Hydraulic Rim and Disc Brakesets	178g	79g Braze-On / Chain Spotter 10.2g	697g (BB30 172.5mm 53x39 BB not included) / 715g (GXP 172.5mm 53x39 BB not included)	405g per wheel (Lever, Caliper, Hose 600mm)	471g per wheel (Lever, Caliper, Hose and 160mm Centerline rotor)	280g (Pair)	247g (11-26) 257g (11-28) 300g (11-32) 366g (11-36)	256g (114 links)
MATERIAL // FINISH	Carbon / Aluminum // Hood Covers	Carbon / Titanium / Textured Hood Covers	Carbon Outer Cages / Aluminum Inner cage / Magnesium Inner Link (Aluminum mid-cage) Aero Designed Stainless Steel hardware // Ice Grey & Black Anodized Finish	Steel Outer & Inner Cage / Composite Tail // Ice Grey & black Anodized Finish	Carbon Arms / Machined Alloy Ring & Spiders	Forged Aluminum Arms/ SwissStop™ Pad Compound	Forged Aluminum Disc Caliper/ Stainless Hardware	Cold-Forged Aluminum Arms / Stainless Steel Pivot Bolt // Ice Grey & Black Anodized	Heat-treated Steel Cogs/ Aluminum Spider (3 cogs)/ Aluminum Lock-ring/ Heat treated steel // Blast Silver	Nickel Silver outer plates & Grey inner plates / PowerLock™ 11S Silver
COMPATIBILITY	SRAM RED 22, Force 22 & Rival 22 Yaw™ Front Derailleurs/ Exact Actuation™ Rear Derailleurs	SRAM RED 22, Force 22 & Rival 22 Yaw Front Derailleurs/ Exact Actuation Rear Derailleurs/ SRAM RED 22, Force 22 & Rival 22 HRR & HRD	SRAM RED 22 & Force 22 Rear Shift / Brake levers	SRAM RED 22, Force 22 & Rival 22 Shift-Brake levers/ SRAM R2C Aero SL-1190, R2C Aero SL-1150, 900 Aero & 500 Aero shifters	SRAM RED 22 & Force 22 Yaw™ Front Derailleurs / SRAM RED 22 & PC1170 chains	SRAM RED 22, Force 22 & Rival 22 Hydraulic Shift-Brake levers	SRAM RED 22, Force 22, Force CX1 & Rival 22 Hydraulic Shift-Brake levers	SRAM Road Shift / Brake levers	SRAM RED 22, SRAM PC 1170 & PC 1130 chains (11sp Chains)	SRAM RED 22, Force 22 & Rival 22 (11sp) Chainrings & Cassettes

**SRAM**®

	DOUBLETAP® HYDRAULIC SHIFTER (right)	HYDRAULIC BRAKE LEVER (left)	DOUBLETAP® MECHANICAL SHIFTER (right)	MECHANICAL BRAKE LEVER (left)	REAR DERAILLEURS	CRANKSET	SRAM RIVAL 1 CHAINRINGS	HYDRAULIC DISC BRAKESET
<b>TECHNOLOGY</b>	HydroR/ DoubleTap™ / Zero-Loss™ / ErgoDynamics™ Fit/ Independent E-Z Access Shift-Brake lever Reach Adjust™	HydroR/ ErgoDynamics™ Fit/ Brake lever Reach Adjust™	DoubleTap™ / Zero-Loss™ / ErgoDynamics™ Fit/ Independent E-Z Access Shift-Brake lever Reach Adjust™	ErgoDynamics™ Fit/ Brake lever Reach Adjust™	X-Horizon™ / Roller-Bearing Clutch™ / Cage Lock™ / X-Sync™ Pulleys/ Medium, & Long Cages	Aluminum arms / Hidden Bolt configuration	X-Sync™ Chainring / 38, 40, 42, 44, 46, 48, 50T	HydroR/ Connectamajig®
<b>SPEEDS</b>	11 Rear	•	11 Rear	•	11 Rear & 10 Rear	1	1	•
<b>WEIGHT</b>	458g per wheel (Lever, Caliper, Hose and 140mm Center line rotor)	442g per wheel (Lever, Caliper, Hose and 140mm Center line rotor)	169g	130g	267g (mid cage)	806g (BB30 172.5mm 42T)/811 g (GXP 172.5mm 42T)	38T-72g; 40T-85g; 42T-90g; 44T-99g; 46T-112g; 48T-131g; 50T-147g	Weight included in the Hydraulic shifters
<b>MATERIAL // FINISH</b>	Aluminum Brake Lever, Aluminum Shift Lever // Textured Hood Covers	Aluminum Brake Lever // Textured Hood Covers	Aluminum Brake Lever, Aluminum Shift Lever // Textured Hood Covers	Aluminum Brake Lever // Textured Hood Covers	Aluminum Cage/ Cartridge Bearing Pulleys/ Stainless Hardware	Forged Aluminum arms/ Forged Aluminum Spider	Machined // Blast Black	Forged Aluminum Disc Caliper/ Stainless steel backed pads/ Stainless Hardware
<b>COMPATIBILITY</b>	SRAM RED 22, Force 22 & Rival 22 / Exact Actuation™ Rear Derailleurs/ SRAM RED 22, Rival 22 & Rival 22 HRR & HRD	SRAM RED 22, Force 22 & Rival 22 HRR & HRD	SRAM RED 22, Force 22 & Rival 22 Exact Actuation™ Rear Derailleurs/ Avid Shorty & Shorty Ultimate Cantilevers/ Avid BB7 Road SL & BB7 Road S Disc Brakes	Avid Shorty & Shorty Ultimate Cantilevers/ Avid BB7 Road SL & BB7 Road S Disc Brakes	SRAM 11 & 10-sp Exact Actuation™ Shifters Mid Cage: 11-26 through 11-36 cassettes Long Cage 11-28 through 10-42 cassettes	110 BCD	SRAM 11 & 10sp chains 38-50T: 110 BCD	SRAM RED 22, Force 22 & Rival 22 Hydraulic Shift-Brake levers

	DOUBLETAP® SHIFTER	DOUBLETAP® HYDRAULIC SHIFTER	REAR DERAILLEUR	FRONT DERAILLEUR	CRANKSET	HYDRAULIC RIM BRAKESET	HYDRAULIC DISC BRAKESET	BRAKESET	SRAM PG 1130 CASSETTE	SRAM PC 1130 CHAIN
<b>TECHNOLOGY</b>	DoubleTap™ / Zero-Loss™ on Front and Rear / Brake lever Reach Adjust™	HydroR/ Yaw™ / DoubleTap™ / Zero-Loss™ on Front & Rear/ ErgoDynamics™ Fit/ Independent E-Z Access Shift-Brake Lever Reach Adjust™	Exact Actuation™ / Aero-Glide Pulleys™ / WiFLi	Yaw™ Shifting	OCT Open Core Technology	Hydro® / Connectamajig®	Hydro® / Connectamajig®	Dual Pivot Design with Convex Washers/ Optimized Firecrest compatibility	PowerGlide™	PowerChain™ / Powerlube™ / Powerlock™ / Chrome Hardened Pins
<b>SPEEDS</b>	11 / 2	11 Rear/ 2 Front	11 Rear	2	2	•	•	•	11	11
<b>WEIGHT</b>	320g	Weight included in the Hydraulic Rim and Disc Brakesets	Short cage: 180g Mid cage: 191g	79g Braze-On/ Chain Spotter with hardware 10g	873g (BB30 172.5mm 52x36 BB not included) / 857g (GXP 172.5mm 52x36 BB not included)	422g per wheel (Lever, Caliper, Hose 600mm)	493g per wheel (Lever, Caliper, Hose and 160mm Centerline rotor)	300g (set)	260g (11-26) 271g (11-28) 310g (11-32) 423g (11-36)	270g (114 links)
<b>MATERIAL // FINISH</b>	Carbon Brake Lever / Aluminum Shift Lever // Clear coat	Aluminum Brake Levers/ Aluminum Shift Levers	Aluminium Outer & Inner Cages/ Aluminium Links, Stainless Steel hardware	Steel Cage/ Aluminum Links	Aluminum // Polished	Forged Aluminum Arms / SwissStop™ Pad Compound	Forged Aluminum Disc Caliper/ Stainless Hardware	Forged Aluminum Arms/ Stainless Steel Hardware / SwissStop™ Pad Compound	Heat-treated Steel Cogs/ Steel Lock-ring // Blast Silver	Nickel Silver outer plates & Grey inner plates / PowerLock™ 11S Silver
<b>COMPATIBILITY</b>	SRAM RED 22, Force 22 & Rival 22 Yaw™ Front Derailleurs/ Exact Actuation™ Rear Derailleurs	SRAM RED 22, Force 22 & Rival 22 Yaw Front Derailleurs/ Exact Actuation Rear Derailleurs/ SRAM RED 22, Force 22 & Rival 22 HRR & HRD	SRAM RED 22, Force 22 & Rival 22 Rear Shift/ Brake levers	SRAM RED 22, Force 22 & Rival 22 Shift-Brake levers/ SRAM R2C Aero SL-1190, R2C Aero SL-1150, 900 Aero & 500 Aero shifters	GXP 53/39, 52/38 52/36, 50/36, 50/34, 46/38	SRAM RED 22, Force 22 & Rival 22 Hydraulic Shift-Brake levers	SRAM RED 22, Force 22 & Rival 22 Hydraulic Shift-Brake levers	SRAM Road Shift-Brake levers	SRAM RED 22, SRAM PC 1170 & PC 1130 chains (11sp Chains)	SRAM RED 22, Force 22 & Rival 22 (11sp) Chainrings & Cassettes



photo :: ©Nils Nilsen

**SRAM**  
**APEX**

## SRAM APEX DRIVETRAIN

	DOUBLETAP® SHIFTER	REAR DERAILLEUR	CRANKSET	BOTTOM BRACKET	FRONT DERAILLEUR	BRAKESET	SRAM PG 1050 CASSETTE	SRAM PC 1031 CHAIN
TECHNOLOGY	DoubleTap™ / Zero-Loss™ on Front and Rear / Brake lever Reach Adjust™	Exact Actuation / WiFLi	PowerGlide Chainrings	GXP / Press-Fit GXP / BB30 / Press- Fit 30	ZeroLoss Trim	Skeletonized Dual Pivot	PowerGlide / WiFLi	PowerLock
SPEEDS	10	10	2	•	2	•	10	10
WEIGHT	344g	Short Cage - 200g Mid Cage - 210g	890g (w/ BB)	115g (GXP)	89g Braze-On	308g	299g (11-32) 250g (11-23)	277g (1031 / 114 Links)
MATERIAL // FINISH	Forged Brake Lever / Cast Shift Lever // Jet Black Gloss	Alloy outer cage / Steel inner cage // Jet Black Gloss	Aluminum // Jet Black Gloss	CNC Alloy Cups // Jet Black Gloss	Aluminum / Steel // Jet Black Gloss	Cold Forged / Stainless Steel // Jet Black Gloss	Forged Alloy Spider / Heat-Treated Steel // Chrome Plated	Heat-Treated Steel // Black
COMPATIBILITY	SRAM RED, SRAM Force, SRAM Rival and SRAM Apex Front and Rear Derailleurs	Short - Max Tooth 28T Mid - Max Tooth 32T	GXP 53/39, 52/38 52/36, 50/36, 50/34, 46/38	SRAM RED / SRAM Force / SRAM Rival / SRAM Apex Cranksets	55/42, 54/42, 53/39, 52/38 52/36, 50/36, 50/34, 46/38 Max Tooth 16T	DoubleTap Controls	11-23, 11-25, 11-26, 11-28, 11-32, 12-25, 12-26, 12-27, 12-28, 12-32	SRAM RED, SRAM Force, SRAM Rival and SRAM Apex industry standard 10 spd systems

**SRAM**®











## SMART SIMPLICITY

We are not reinventing the wheel, but we have been updating it for more than a quarter of a century, constantly improving it with new ideas. We aim high with our passion for innovation: **Simplicity – for more biking enjoyment through better performance and greater reliability.**

We live cycling. It's an attitude we share with you. Every day as you commute to work, have fun on the trail or vacation. Our products have to prove themselves, be it in your daily commutes or in races. **That's why we've developed intelligent systems for urban cyclists with the same enthusiasm that we bring to race courses around the globe.** The result: components that will fulfill your unique needs in city traffic, while maintaining one thing in common. They meet our demand for the **highest technical quality, precision, reliability and most of all, functionality that allows for simple operation.**

Our philosophy can be described in two words: **Smart Simplicity.**

Smart because our products offer intelligent solutions to your mobility needs. And Simplicity – because easy solutions are often the best solutions. So that you can simply enjoy your bicycle. Maintenance? Your bike can wait till Winter.







**YOUR URBAN  
PLAYGROUND**



# SRAM DD3

## The best of both worlds!

One of a kind...a lot of products make the promise. Our SRAM DD3 keeps its word. DD3 is the **only system that combines the advantages of the gear hub and a derailleur**. You can use all three gears of the rear hub whether you are standing still or under load. To take off, just shift to level one.

Another advantage: Owing to its three-speed hub shifter, the DD3 needs **only one chain ring**. SRAM DD3 features one-handed gear shifting.

The chain always operates optimally, no chance of skewed chain line as with three sprocket systems. That means that rubbing on the chain and sprockets is significantly less, **increasing your riding pleasure**.

Fine tune your shifting experience with a simple twist of the wrist. The curviest of mountain roads won't intimidate you...the SRAM DD3 gear combinations allows you to take on 25% inclines! Ideal for long distance tours.

- Unique shifting system.
- From 24, 27 or 30 gears, depending on the number of sprockets.
- Just one chain ring, just one shifter.
- Shift standing still or under load.

The SRAM logo is displayed in white capital letters on a red rectangular background. This logo is part of a series of five identical red rectangular blocks arranged horizontally at the bottom of the page.





**SRAM**  
**DD3**



# SRAM i-3

Don't worry, be happy

SRAM  
i-3



The gear hub system represents tradition in the best sense of the word. The SRAM i-3 hub is an advancement on the legendary Torpedo three-speed gear hub. It lays claim to the same virtues as its predecessor: it's innovative, tough and easy to operate. Coaster brakes offer additional security in traffic.

The twist shifter allows you to change speeds at any time, under load, going uphill or standing still at the traffic light. And your cockpit is always firmly in your control. Besides, we've also considered the next generation. The special BANDIX twist shifter is even easy for children to use.

A city bike has to take a lot: Crowded conditions at the train station, a bike can easily topple over. But that won't phase the SRAM i-3. The gear shifting system is well protected thanks to its location inside the frame. You stay relaxed and mobile, day in and day out.

- Change gears any time under load or standing still.
- Easy twist shifter, special option for children.
- Robust and resistant to damage.

SRAM





**SRAM**  
AUTOMATIX

# SRAM AUTOMATIX

Two speed automatic – simple and clever

Our automatic two-speed hub system is completely worry-free. And it's just **right for the city**. Brings you through the worst traffic, relaxed and in the right gear.

**SRAM Automatix doesn't require you to shift:** at a predetermined speed, the hub will automatically shift to a higher gear. If you slow down, the centrifugal clutch automatically shifts back down. That way, you can focus fully on the road.

SRAM Automatix is the perfect solution for single speed fans as well. Automatic shifting and coasterbrakes **increase safety in stop and go city traffic**. No caliper brake in the rear to interrupt the bike's clean lines.

- Automatic, two speed
- Low maintenance, no shifter, no cables.
- Innovative and robust technology for daily use



**SRAM**

**SRAM**



## E-BIKE

	WEIGHT	COLORS	DETAILS	SPEED	TECHNOLOGY	BATTERY	BATTERY RACK
<b>E-MATIC</b>	Motor: 4,5 kg Battery: 3,7 kg 3,2 kg 2,5 kg	Black Falcon Grey	Spoke holes 32 or 36 Rated power 250 W Max. torque output 55 Nm Rear spacing 135 mm OLD Two-speed motor	Max. assisted speed 20 mph (US) 25 kmh (EU)	Automatic trans- mission Two torque outputs Brushless motor Torque sensor	Battery sizes: 10 Ah / 8 Ah / 6 Ah Distance 50 to 95 km / 40 to 80 km / 30 to 60 km Charge time (approx.) 4,25 / 3,5 / 2,5 hrs. Cell type: Samsung Lithium-Ion Voltage 36 V	Fits with all SRAM battery packs 6, 8 and 10 Ah





## INTERNAL GEAR HUBS

	GEARS	WEIGHT	COLORS	TRANSITION	DETAILS	OPTIONS	TECHNOLOGY	CONTROL ELEMENTS
<b>DD3</b>	30 27 24	Freewheel 970 g Disc brake 985 g	Silver	566 % 531 % 501 %	30, 27 or 24-speed IGH-Derailleur system Shifting under load Shifting when stopped	Freewheel Disc brake	Hybrid drivetrain Combination of internal gear hub (3 speed) and derailleur system (10/9/8 speed)	Single sided Twist Shifter (27/24) Trigger shifter (30)
<b>i-3</b>	3	Coaster brake 1390 g Freewheel 1120 g Disc brake 1210 g SH Rollerbrake comp. 1120 g	Silver Black	186 %	3-speed internal gear hub	Coaster brake Freewheel Disc brake Aluminum hub shell SH Rollerbrake comp. Gates beltdrive	Shifting under load Shifting when stopped Lower shifting forces	Twist Shifter Bandix Twist Shifter
<b>AUTOMATIX</b>	2	Coaster brake 1390 g Freewheel 1151 g Disc brake 883 g	Silver / Grey Silver / Ivory	136 %	2-speed automatic shifting	Coaster brake Freewheel Disc brake Aluminum hub shell SH Rollerbrake comp. Gates beltdrive	Mechanical centrif- ugal clutch	-

## PRODUCT OVERVIEW

GEARS	INTERNAL GEAR HUB	EXTERNAL DRIVETRAIN	E-BIKE	BRAKES
30	DD3 30 / 27 / 24		DD3 PULSE 30 / 27 / 24	DISC V-BRAKE
20		VIA GT / CENTRO 2X10		
3	i-3			
2	AUTOMATIX		E-MATIC*	

⦿ These gear hubs are suitable for electric bikes \*Dual-torque gearbox

Specifications and colors subject to changes without prior notice.



# RELEEN





DRIVETRAIN

65

# TLESS

To be the best. It's why you ride. It's why we build components. The perfect combination of precision and brute force. No obstacles stopping us. No limitations slowing us down. Ours is a relentless pursuit: to make the climb shorter, the trail smoother, the turn tighter, the descent faster. To give you the strongest, lightest, quickest bike on earth. To be the best.

**SRAM**



# THE LOST DIARY

FR

Our plan was simple: We wanted to experience a mountain bike trip that was all about getting out there, getting lost and getting it done. We'd all become accustomed to familiar trails and perfectly maintained bike parks. And usually, even when we ride new trails, we have locals along, keeping us from losing our way and often showing us the best lines. The goal here, thought, was to find old-school adventure on rugged terrain in a completely unfamiliar location. This was about using our mountain bikes to get us from point A to point B in a limited amount of time and with minimal support. Bad weather, poor directions, bruised bodies and battered bikes – none of this was going to stop us. In the end, through the suffering and rain and cold, through the minutes and hours of uncertainty, we experienced a lot more than we'd ever anticipated. And we're all a bit richer because of it.

## Day 1 | Ride 1

Right out of the back of the hotel, we headed to meet Ash in the Valley below. Two minutes into the ride, and Lyle was OTB on the ground. His derailleur hanger was broken. We came across the raddest rock water slide, but the lack of a climbing rope was an easy excuse. At the bottom, Ash was patiently waiting with his van. Somehow, we managed to turn an hour ride, into 2.

## Day 1 | Ride 2

Ash drove us up to Piene Haute, an ancient city-state, with directions to ride to Breil-sur Roya. It was 28 degrees Celsius. We arrived in Breil, where we met Christian. He took us up the Roya Vallee where we had a "4Km" ride to our lodging: Rifugio Don Barbera (2079m). Christian drove us to Fort Tabourde. (1982m) After some confusion on his part, he dropped us off and gave Adrian some directions by pointing at lines along the map.

## Day 1 | Ride 3

We climbed to Fort Pepin (2263m) without headache. On the way, we passed a cross overlooking the valley. Here we signed the travel log. "La vue est magnifique! – Ross Measures, June 24th 2014" At this point we realized the ride would be a lot longer than 4 Km. Maybe 8 Km? The ride from 326A to 326, along the side of Cime du Coin (2259m) was incredible. I will never forget that view. At marker 326, things went sideways, that 8 Km estimate got pushed out to 12, or more. We pushed



North, high into the mountains. The snow crossing were relentless, with us losing sight of the road many times. At the summit we nearly lost it completely, we conceded by turning on our headlamps. We were lost. I'm not normally one to panic, but I started taking a mental note of everything useful in my pack, in case we were forced to overnight in the alpine. Thankfully, we had an idea of how much longer it was until the Rifugio, so we dug deep, and kept moving. (Mental List: 1x Merino pullover – 1x wool socks – 1x gloves – 1x fruit bar – 1x space blanket – leatherman – headlamp -3x AA batteries) Ty and I climbed out of a bowl, and came upon Tyler who had run into Eizo, the rifugio innkeeper. He was confused, relieved and maybe a bit angry with us.

## Day 2 | Ride 1

Today we follow "Enduro Dave's" email directions, they should be easy to follow, RIGHT? (Rifugio Don Barbera, Italy -Morignoles France) The trail was rad, minus the shale that took a bite out of my downtube! From the top we could see the route we had taken from the forts into the mountains. It all seemed so far away.



## Day 2 | Ride 2

It was an easy ride to d'Alleveng. With rocky switchbacks in heavy fog closing out the day. Large Morettis all around.

## Day 3 | Ride 1

"Go to Fanghetto for a coffee" Directions from Jeffy. The road back out from the Rifugio was 45 minutes of solid gravel road climbing, this took us to the ridge which was the French/Italian border, we would follow it for most of the day. This morning there were clouds, but no rain. We got to the top, and crossed back over, here we rode amazing single-track through the forest, and then back out into the open. Just beyond, the exposure began. So did the rain. The rocky singletrack, became rocky creekbed. It became lunchtime very quickly. Eventually, in the shadow of Mont Torrage, we found an overhang. Joining us were a group of sweat-short clad, wine drinking Italians. They were underprepared for the weather, but I was jealous of their vino. We ended up in the trees for the next portion of trail, and at some point the rain stopped – it was too late, we were soaked. There's nothing like a 12 Km climb with wet chamois. Along that climb though, were abandoned WWI and WWII bunkers. Ty and I went deep inside the creepiest one, it was scary and thought provoking. At this point we were looking for Marker 437, which we were told may or may not be there. Because of this, we spent an hour terrorizing cows, riding through their crap, and of course, ruining our now soaking wet lifeline, the map. We backtracked a bit, and found our trail. There were towering cliffs ABOVE and BELOW. We dropped almost 800m in no time. The trail was relentlessly steep; we were on the brakes forever. The coffee in Fanghetto was quickly approaching. We crossed into Fanghetto and found Christian waiting for us at the café. Here is where we received our next set of instructions. Even though it was nearly dark, we still had another ride to complete today.

## Day 3 | Ride 2

The instructions took us to a peak high above Sospel. We dropped in as the sun disappeared. This trail was different, it was months old, not centuries. There was loam, lots of it. After 12 hours in the saddle earlier in the day, all we could do was push to the top. The directions told us to descend until we came to a creekbed. There was two things waiting for us at the creek bed: Ash, and a million fireflies. It was an incredible end to the day. We camped on the top of the mountain

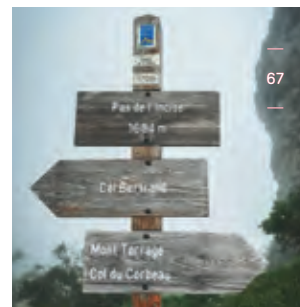
above Sospel, where we had a roaring campfire. I piled up my soaking-wet gear as close as I could get it without it toppling into the flames. Breakfast this morning was at the English hotel in Sospel – sausage, eggs, bacon, ham, beans, toast and Wi-Fi. I had 3 helpings of each.

## Day 4 | Ride 1

There was a quick descent down to breakfast. At this point all Garmins were dead. #nogarminnורות (no ride data)

## Day 4 | Ride 2

Ash had sternly warned us to stay far away from the white Pyrenees mountain dogs. Ash guided us on the final descent to the Mediterranean. It might have been the rockiest descent of my life. Eventually, the clouds disappeared, and we could see our final destination. Near the bottom of the trail, we passed through an abandoned mansion on the hill. The view from the balcony was incredible. As we got closer to the end, we passed through so many layers both new and old. The water seemed so close, but we were still so high above. We all put our legs in the sea. There was used band-aids and garbage floating everywhere. Gross. It didn't stop me. We rode so much today. It was amazing, just an amazing end to our adventure. The clouds finally cleared as we neared the sea and entered back into civilization. It was strange: suddenly the sound of traffic on the highway was irritating, and the cabanas and crowded beach felt claustrophobic. Unfortunately, it didn't last long though, as my body reacclimated to the city life. That brief moment, though, was a feeling I won't soon forget. While we were only truly lost once, I felt lost in time the whole week. Every day we rode something, experienced something new, or saw something that was incredible. The history that we were able to see along our routes was just surreal; never in North America could we even imagine to see, let alone explore, some of the bunkers and castles we were able to venture inside. I feel incredibly lucky to have had the chance to take my mountain bike across the ancient roads and trails of the Alpes-Maritimes. It's humbling to know how hard the people who built the trails and roads must have worked, creating lifelines through incredibly rugged terrain. I am sure they could never have imagined the type of use that we got out of them this week. We're back at Auberge col de Brouis for the night. I am going to finish this beer, and then pass out for at least 12 hours. I am sleeping in tomorrow. CHEERS!



“THERE'S  
NOTHING  
LIKE A  
12 KM  
CLIMB  
WITH WET  
CHAMOIS”



## SRAM 1x™ OVERVIEW

ALL  
FOR  
ONE

## FROM CASSETTE TO WHEEL



SRAM's XD™ driver body is the benchmark for precision and quality. Designed specifically for a SRAM 1x™ drivetrain, the XD™ driver body allows the use of a compact 10-tooth cog, giving riders the widest gear range available. The XD™ driver body locks the lightweight SRAM X-DOME™ cassette in place, bringing greater predictability and efficiency as the power from every pedal is transferred to the wheel. Engineered in Germany, X-DOME™ architecture delivers consistent shifting across a wide gear range. From hub to cassette, riders can count on more durability, less noise and better shifting.

## FROM SHIFTER TO DERAILLEUR

When a rider is descending down the side of a mountain, precision is everything. And that's why SRAM designed the X-ACTUATION™ shifters for quickness, precision and consistency. The straight parallelogram design of the X-HORIZON™ derailleur brings even more control to each ride by eliminating ghost shifting. The offset X-SYNC™ pulley design maintains consistent chain gap for a more predictable performance. ROLLER BEARING CLUTCH™ eliminates chain slap and derailleur bounce while keeping the bike quiet.





Mountain ready. SRAM 1x™ is the original 1x drivetrain engineered specifically for the rigors of MTB. We optimize the way each component works together—from crank to ring, tooth to chain, shifter to derailleur, derailleur to cassette, and cassette to wheel. With SRAM 1x™, riders can count on lighter weight, wider gear range and increased chain control for a better riding experience every time out. Engineered in Germany. SRAM 1x™.

#### FROM TOOTH TO CHAIN



#### FROM CRANK TO RING

A dropped chain can ruin any ride. With the SRAM X-SYNC™ chainrings, that's not a concern. More than just narrow/wide, every aspect of X-SYNC™ is engineered to manage a deflected chain. Its tall, square teeth engage the chain earlier for greater control. And mud-clearing recesses ensure a cleaner, longer-lasting drivetrain. Engineered in Germany and unrivaled in the industry, X-SYNC™ rings are integral to the SRAM 1x™ drivetrain.

No matter what kind of rider you are, you expect your bike to match the way you ride. That's why SRAM has created the most versatile cranksets ever built—ready for everything from XC to Gravity. Our direct mount chainrings come in options for any rider, any style, and any trail: 26, 28, 30, 32, 34, 36, 38, and 40.

## X-SYNC™

SRAM X-SYNC™ 1x chainrings provide the highest level of performance and durability. The SRAM X-SYNC™ tall square teeth edges engage the chain earlier than traditional triangle shaped teeth. The sharp and narrow tooth profile, as well as rounded chamfer edges, help manage a deflected chain. To provide the best possible performance in muddy conditions, the X-SYNC™ chainrings have been designed with mud-clearing recesses for the inner chain links and rollers. Engineered in Germany, X-SYNC™ rings are an integral part of the SRAM 1x™ drivetrain. Our new X-SYNC™ STEEL rings offer replacement SRAM 1x™ technology at a lower cost. Accept no imitation.

# THE RING LEADER



26



28



30



32



34



36



38



40

NEW  
X-SYNC™ STEEL  
1x chainrings



28



30



32



10-42 CASSETTES



# 10 — 42

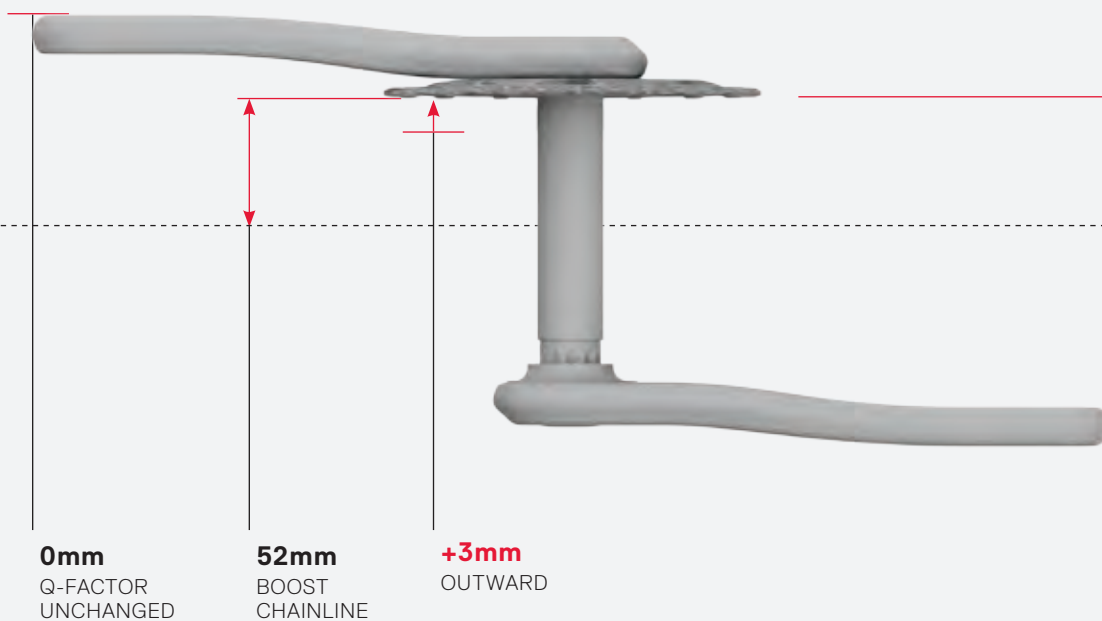
## EVERY TOOTH COUNTS

Ranging from 10- to 42-teeth, the 11-speed X-DOME™, MINI CLUSTER™ and FULL PIN™ cassettes deliver the widest gear range available while maintaining even, optimized steps. The open design cassette combines with the XD™ driver body for the lightest weight and superior connection to the wheel. Engineered in Germany for every rider and every trail.

# BOOST

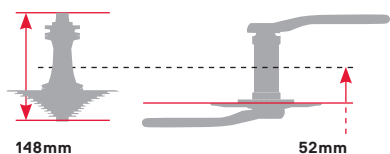
BOOST is a new wheel and drivetrain specification that opens the opportunity for improved frame geometry with shorter chain stays, wider and stiffer suspension pivots, wider range of chainring options, as well as more clearance for bigger tires and wider, stiffer wheels.

## DRIVETRAIN

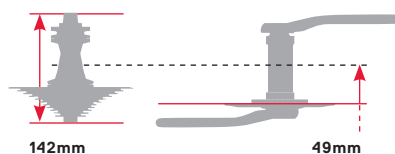


**COMPATIBLE**

**BOOST IS A SYSTEM AND  
CAN ONLY BE USED AS A SYSTEM**



SRAM BOOST CHAINLINE ✓ **148/52mm**



SRAM NON-BOOST STANDARD CHAINLINE ✓ **142/49mm**



## BOOST 148 | BOOST 110

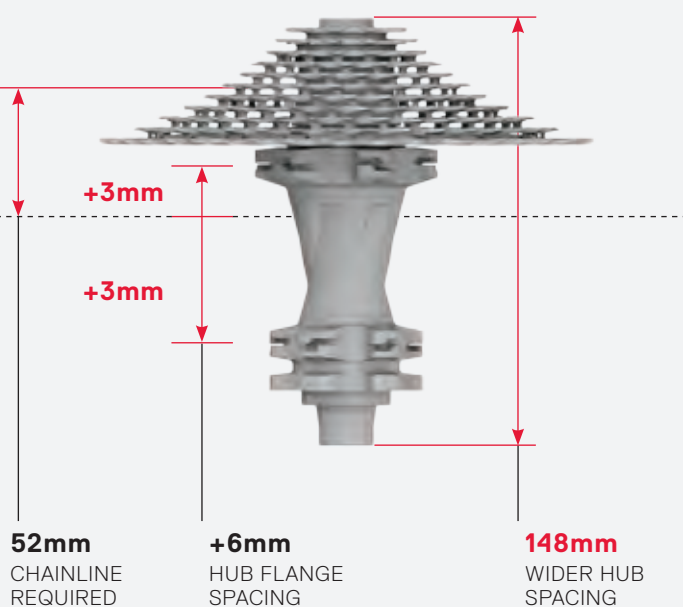
With revolutionary advancements in bicycle componentry like SRAM's XX1, X01, X1 and GX drivetrains, mountain bike designers have been given almost limitless freedom to focus solely on the performance of the bike. Each advancement demands that the entire package works flawlessly. Aggressive trail and enduro riders have been increasingly enjoying the benefits

of larger wheels, but many still view 27.5" and 29" wheels as a possible weak link. Which is why SRAM has developed an open specification with BOOST compatible components for SRAM drivetrain, hubs and RockShox forks.

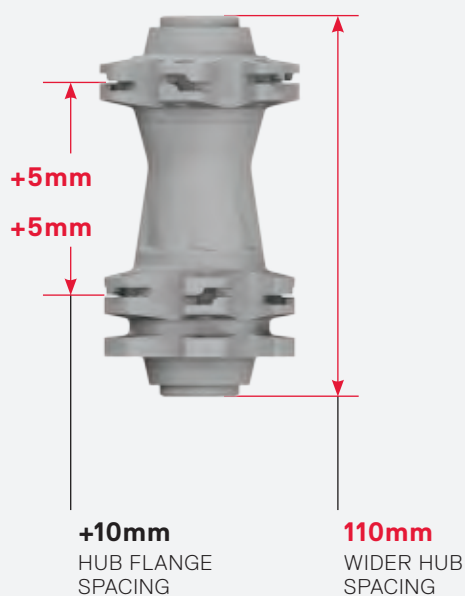
For a long time now, SRAM had been looking for a way to open up more room around the crankset for frame

designers to further optimize their bikes. SRAM 1x™ was the first step in this direction by eliminating the need for a front derailleur. However, SRAM also had hopes to move the chainline outboard as well. With the help of bike manufacturers seeking to improve their frame designs, we were able to realize that hope.

## REAR WHEEL

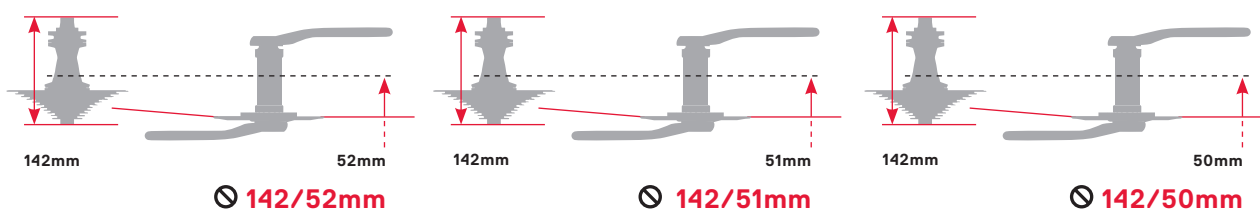


## FRONT WHEEL



## INCOMPATIBLE

ANY OTHER COMBINATION OR ALTERNATE CHAINLINE IS NOT COMPATIBLE WITH BOOST

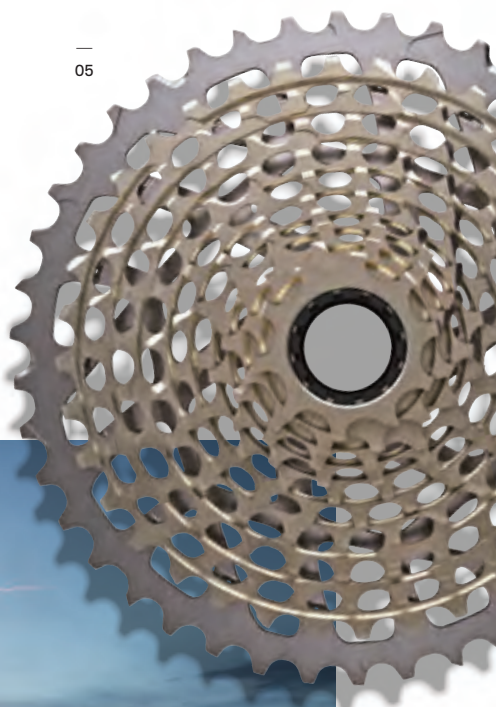


03

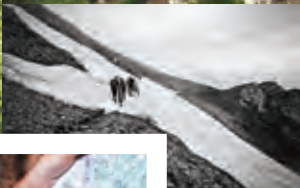
**ONE AND ONLY**

The SRAM 1x™ drivetrain that launched an XC World Championship, XX1 was built to be simpler, lighter and more durable than any other. Calibrated to work together, SRAM XX1 components deliver remarkable chain control and rapid, high-precision shifting. Which gives serious riders exactly the edge they need. UNSTOPPABLE.

05



02





06



01



01

#### XX1 X-SYNC™ CRANKSET

CNC machined 7075, two-tone anodized X-SYNC™ chainring—an integral component of the SRAM 1x™ drivetrain

X-SYNC™ tall, square tooth design provides maximum chain control

Sharp, narrow tooth profile and rounded chamfer edges help manage a deflected chain

Mud-clearing recesses for the inner chain links and rollers

Carbon arms with forged aluminum spider

Wide/narrow Q-factor cranks for BB30 and GXP®  
BOOST 148 compatible

Weight: 546g (24mm spindle, 175mm, 32t direct mount chainring)

02

#### XX1 X-HORIZON™ REAR DERAILLEUR

X-HORIZON™ design reduces shift force, ghost shifting and chain slap

12-tooth X-SYNC™ pulley wheels

Large upper pulley offset automatically adjusts chain gap

Ceramic bearings

Carbon cage

Weight: 245g

03

#### XX1 X-ACTUATION™ TRIGGER SHIFTER

SRAM 1x™ X-ACTUATION™ for precise and dependable 11-speed performance

ZERO LOSS™ engagement for fastest shifting

Multi-adjustable trigger shifter

Adjustable carbon pull lever and carbon cover

MatchMaker™ X compatible

Weight: 110g

04

#### XX1 X-ACTUATION™ GRIP SHIFT

SRAM 1x™ X-ACTUATION™ for precise and dependable 11-speed performance

SPEED METAL™ shift indexing

ROLLING THUNDER™ ball bearing technology

JAWS™ lock-on grip technology

Carbon cover

Weight: 140g (includes clamps, cable and JAWS™ lock-on grip)

05

#### XG-1199 X-DOME™ CASSETTE

XD™ driver body creates more stable hub connection

Super wide 10-42t gear range—a perfect fit for any ride

Optimized gear steps across entire range

Open design aids in mud clearance

Weight: 268g

06

#### XD™ DRIVER BODY

Driver body design that lets riders tap the power and range of the SRAM 10-42t 11-speed cassette and a 10-tooth small cog

Provides a more stable hub connection

XD™ driver body is 6-8g lighter

07

#### PC-XX1 HARD CHROME™ CHAIN

SRAM 1x™ specific chain

HARD CHROME™ finish provides maximum strength and wear resistance for improved chain life

PowerLock® connecting link

Weight: 252g (114 links)

04



07



## X01



02

01

**X01 X-SYNC™ CRANKSET**

CNC machined 7075, two-tone anodized X-SYNC™ chainring—an integral component of the SRAM 1x™ drivetrain

X-SYNC™ technology for all 10-, 11- and 7-speed systems

X-SYNC™ tall, square tooth design provides maximum chain control

Sharp, narrow tooth profile and rounded chamfer edges help manage a deflected chain

Mud-clearing recesses for the inner chain links and rollers

Chainring guard option

Carbon arms with forged aluminum spider

BOOST 148 compatible

Weight: 546g (24mm spindle, 175mm, 32t direct mount chainring)

02

**X01 X-HORIZON™ REAR DERAILLEUR**

X-HORIZON™ design reduces shift force, ghost shifting and chain slap

12-tooth X-SYNC™ pulley wheels

Large upper pulley offset automatically adjusts chain gap

Sealed cartridge bearings

Carbon cage

Weight: 250g

03

**X01 X-ACTUATION™ TRIGGER SHIFTER**

SRAM 1x™ X-ACTUATION™ for precise and dependable 11-speed performance

ZERO LOSS™ engagement for fastest shifting

Multi-adjustable trigger shifter

Adjustable forged aluminum pull lever and aluminum cover

Includes discrete clamp

MatchMaker™ X compatible

Weight: 125g

04

**X01 X-ACTUATION™ GRIP SHIFT**

SRAM 1x™ X-ACTUATION™ for precise and dependable 11-speed performance

SPEED METAL™ shift indexing

ROLLING THUNDER™ ball bearing technology

JAWS™ lock-on grip technology

Aluminum cover

Weight: 143g (includes clamps, cable and JAWS™ lock-on grip)

05

**XG-1195 X-DOME™ CASSETTE**

XD™ driver body creates more stable hub connection

Super wide 10-42t gear range—a perfect fit for any ride

Optimized gear steps across entire range

Open design aids in mud clearance

Unique finish for high durability

Weight: 268g

06

**XD™ DRIVER BODY**

Driver body design that lets riders tap the power and range of the SRAM 10-42t 11-speed cassette and a 10-tooth small cog

Provides a more stable hub connection

XD™ driver body is 6-8g lighter

07

**PC-XX1 HARD CHROME™ CHAIN**

SRAM 1x™ specific chain

HARD CHROME™ finish provides maximum strength and wear resistance for improved chain life

PowerLock® connecting link

Weight: 252g (114 links)

06



01





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07—  
03—  
04

## ALL FOR ONE

The SRAM X01 drivetrain carries on the tradition of our championship-winning SRAM 1x™ philosophy—all the way down the mountain. The setup is simpler. The drivetrain is lighter. And the shifting is fast and solid. Bottom line: X01 is the right one for any terrain, every time. RELENTLESS.

SRAM DRIVETRAIN

# X01DH

GRAVITY | 78

02



04



## BEYOND GRAVITY

Engineered in Germany, SRAM X01 DH delivers quicker shifting, smarter gear steps, and more precise chain management. Featuring SRAM's 7-speed X-HORIZON™ rear derailleur, X-DOME™ MINI BLOCK™ cassette and the X-SYNC™ chainring—it's the integrated SRAM 1x™ drivetrain for complete control. Made for gravity. Proven by champions. And now available to every rider. X01 DH. GO BEYOND.





01

05



01

#### X01 DH X-SYNC™ CRANKSET

Carbon DH racing crank

CNC machined 7075, two-tone anodized X-SYNC™ chainring, 94 BCD—an integral component of the SRAM 1x™ drivetrain

X-SYNC™ technology compatible with SRAM 1x™ 7- and 10-speed DH drivetrains

X-SYNC™ tall, square tooth design provides maximum chain control

Sharp, narrow tooth profile and rounded chamfer edges help manage a deflected chain

Mud-clearing recesses for the inner chain links and rollers

Lightest in class carbon construction

High strength alloy pedal lug

Weight: 655g (24mm spindle, 165mm, 36t)

02

#### X01 DH X-HORIZON™ REAR DERAILLEUR

X-HORIZON™ technology provides more responsive shifting and eliminates ghost shifting—a common problem on DH bikes

ROLLER BEARING CLUTCH™ with CAGE LOCK™ sets the industry standard

X-ACTUATION™ with more cable pull delivers optimized system performance and durability

SRAM 10-speed EXACT ACTUATION™ variant allows upgrades to existing bikes

Two cage lengths for various applications, including abnormally long chain stay growth

Weight: 257g (short cage), 263g (medium cage)

03

#### X01 DH X-ACTUATION™ TRIGGER SHIFTER

SRAM 1x™ X-ACTUATION™ for precise and dependable 7-speed performance

Multi-adjustable trigger shifter

MatchMaker™ X compatible

ZERO LOSS™ engagement for fastest shifting

Adjustable forged aluminum pull lever and aluminum cover

Includes discrete clamp

Weight: 125g

04

#### XG-795 MINI BLOCK™ CASSETTE

Larger jumps between gears eliminate the need for double/triple shifts to get in the gear you want (10-12-14-16-18-21-24)

Less cogs allow faster transition from starting gear to high gear. Half as many shifts to get from 24-10 versus a normal 10-speed 26-11

Larger gear range, 10-tooth cog opens up high end and allows smaller rings for ground clearance

2-tooth steps are safer in shifting than 1-tooth steps under big loads

Currently fits any XD™ compatible wheel and driver body

More rear wheel clearance around spokes

Lightest cassette. Ever.

Weight: 136g

05

#### XD™ DRIVER BODY

Driver body design that lets riders tap the power and range of the SRAM XG-795 MINI BLOCK™ cassette and a 10-tooth small cog

Provides a more stable hub connection

XD™ driver body is 6-8g lighter

06

#### PC-XX1 HARD CHROME™ CHAIN

SRAM 1x™ specific chain

HARD CHROME™ finish provides maximum strength and wear resistance for improved chain life

PowerLock® connecting link

Weight: 252g (114 links)

03



06



03



01

01

**X1-1400 X-SYNC™  
CRANKSET**

CNC machined 7075, two-tone anodized X-SYNC™ chainring—an integral component of the SRAM 1x™ drivetrain

X-SYNC™ tall, square tooth design provides maximum chain control

Sharp, narrow tooth profile and rounded chamfer edges help manage a deflected chain

Mud-clearing recesses for the inner chain links and rollers

Chainring guard option

Hollow forged aluminum arms with direct mount

BOOST 148 compatible

Weight: 680g (24mm spindle, 175mm, 32t)

02

**X1-1000 X-SYNC™  
CRANKSET**

CNC machined 7075, two-tone anodized X-SYNC™ chainring—an integral component of the SRAM 1x™ drivetrain

X-SYNC™ tall, square tooth design provides maximum chain control

Sharp, narrow tooth profile and rounded chamfer edges help manage a deflected chain

Mud-clearing recesses for the inner chain links and rollers

6000 series forged aluminum arms

Fat bike crank option

Weight: 745g (24mm spindle, 175mm, 32t)

03

**X1 X-HORIZON™  
REAR DERAILLEUR**

X-HORIZON™ design reduces shift force, ghost shifting and chain slap

12-tooth X-SYNC™ pulley wheels

Large upper pulley offset automatically adjusts chain gap

Sealed cartridge bearings

Aluminum cage

Weight: 256g

04

**X1 X-ACTUATION™  
TRIGGER SHIFTER**

SRAM 1x™ X-ACTUATION™ for precise and dependable 11-speed performance

ZERO LOSS™ engagement for fastest shifting

MatchMaker™ X compatible

Forged aluminum pull lever and aluminum cover

Discrete clamp

Weight: 121g

06







04



## ONE FOR ALL

From SRAM X1 comes the integrated drivetrain engineered in Germany for every rider and every trail. The simple, smart and synchronized design delivers confidence in the face of any terrain—from cross-country racing to all-mountain adventure. With our super-wide 10-42t gear range and multiple chainring options, it's the universal drivetrain for experienced or new-to-the-trail riders. Featuring our X-SYNC™ chainrings, optimized MINI CLUSTER™ cassette and dependable X-HORIZON™ rear derailleur, X1 puts the power of the SRAM 1x™ philosophy into every ride. SRAM X1. LIMITLESS.

02



05

### XG-1180 MINI CLUSTER™ CASSETTE

XD™ driver body creates more stable hub connection

Super wide 10-42t gear range—a perfect fit for any ride

Optimized gear steps across entire range

Open design aids in mud clearance

Weight: 315g

06

### XD™ DRIVER BODY

Driver body design that lets riders tap the power and range of the SRAM 10-42t 11-speed cassette and a 10-tooth small cog

Provides a more stable hub connection

XD™ driver body is 6-8g lighter

07

### PC-X1 CHAIN

Designed with SRAM's trusted XX1 geometry

Solid pin construction

PowerLock® connecting link

Weight: 258g (114 links)

07



05


**SRAM**

06



06



## FAR AND WIDE

For every bike, there's a rider. A rider who builds it. A rider who knows it. A rider who's always ready to take the bike somewhere new. Introducing GX, the drivetrain for people who love to ride without restraint. From beginner to expert, GX delivers personalized gear choices that take you as far and wide as you want to go. Engineered in Germany with 1x and 2x options, SRAM GX brings the power of riding to everyone, everywhere.

03



05







## NEW

01

**GX-1400 1x X-SYNC™ CRANKSET**

CNC machined 7075, two-tone anodized X-SYNC™ chainring—an integral component of the SRAM 1x™ drivetrain

Our Open Core Technology (OCT™) cranks are stiffer, stronger and lightweight beyond any solid forged crankset.

X-SYNC™ tall, square tooth design provides maximum chain control

Sharp, narrow tooth profile and rounded chamfer edges help manage a deflected chain

Mud-clearing recesses for the inner chain links and rollers

Chainring guard option

BOOST 148 compatible

Weight: 680g (24mm spindle, 175mm, 32t)

## NEW

02

**GX-1000 1x X-SYNC™ CRANKSET**

CNC machined 7075, two-tone anodized X-SYNC™ chainring—an integral component of the SRAM 1x™ drivetrain

6000 series aluminum arms X-SYNC™ tall, square tooth design provides maximum chain control

Sharp, narrow tooth profile and rounded chamfer edges help manage a deflected chain

Mud-clearing recesses for the inner chain links and rollers

BOOST 148 compatible

Fat bike crank option

Weight: 720g (24mm spindle, 175mm, 32t)

## NEW

03

**GX 1x11 X-HORIZON™ REAR DERAILLEUR**

X-HORIZON™ design reduces shift force, ghost shifting and chain slap

12-tooth X-SYNC™ pulley wheels

Large upper pulley offset automatically adjusts chain gap

Sealed cartridge bearings

Aluminum cage

Weight: 265g

## NEW

04

**GX 11-SPEED X-ACTUATION™ TRIGGER SHIFTER**

SRAM 1x™ X-ACTUATION™ for precise and dependable 11-speed performance

Multi-position mounting

MatchMaker™ X compatible

Aluminum pull lever

Discrete clamp

Weight: 122g

## NEW

05

**GX 11-SPEED X-ACTUATION™ GRIP SHIFT**

SRAM 1x™ X-ACTUATION™ for precise and dependable 11-speed performance

SPEED METAL™ shift indexing

ROLLING THUNDER™ ball bearing technology

JAWS™ lock-on grip technology

Weight: 144g (includes clamps, cable and JAWS™ lock-on grip)

## NEW

06

**XG-1150 FULL PIN™ CASSETTE**

FULL PIN™ technology uses eleven lightweight, stamped steel cogs held together with 123 high-strength stainless steel pins

Super wide 10-42t gear range—a perfect fit for any ride

Optimized gear steps across entire range

Open design aids in mud clearance

XD™ driver body compatible

Weight: 394g

## NEW

07

**PC-X1 CHAIN**

Designed with SRAM's trusted XX1 geometry

Solid pin construction

PowerLock® connecting link

Weight: 258g (114 links)



**GX****FAR AND WIDE**

Take every ride further with a drivetrain focused on efficiency, durability, and the possibility to go wherever your bike can take you. Introducing GX 2x, simpler than a 3x drivetrain and the widest 2x gear range on the market. Engineered in Germany, GX 2x stands up to every challenge in front of you—from broken pavement to alpine hazards. GX 2x lets you ride as far and wide as your legs will take you.

03



07

**NEW**

01

**GX-1400 2x11 X-GLIDE™ CRANKSET**

The SRAM GX 2x crankset delivers consistent performance every time out

Our Open Core Technology (OCT™) cranks are stiffer, stronger and lightweight beyond any solid forged crankset

X-GLIDE™ 2x11 shifting technology

GX 2x11 provides the widest range of gears ever offered on a 2x drivetrain

Chainring guard option

BOOST 148 compatible

Weight: 727g (24mm spindle, 175mm, 36-24t)

**NEW**

02

**GX-1000 2x11 X-GLIDE™ CRANKSET**

The SRAM GX 2x crankset delivers consistent performance every time out

6000 series forged aluminum arms

X-GLIDE™ 2x11 shifting technology

GX 2x11 provides the widest range of gears ever offered on a 2x drivetrain

Chainring guard option

BOOST 148 compatible

Weight: 774g (24mm spindle, 175mm, 36-24t)

**NEW**

03

**GX 11-SPEED FRONT DERAILLEUR**

Wide range 2x11 systems with X-GLIDE™ front shifting technology

High clamp, low clamp, high direct mount, mid direct mount, low direct mount

Dedicated top and bottom pull

Weight: 123-153g



05

06







02



08



01

## NEW

04

**GX 2x11 REAR DERAILLEUR**

X-ACTUATION™ for precise and dependable 11-speed performance

Focused chassis design for all conditions and usage

10-42t wide range cassette compatible

Weight: 286g (short cage), 289g (long cage)

## NEW

05

**GX 2x11 X-ACTUATION™ TRIGGER SHIFTERS**

Dedicated 2-speed and 11-speed trigger shifters

X-ACTUATION™ for precise and dependable 11-speed performance

Multi-position mounting

Aluminum pull lever

MatchMaker™ X compatible

Weight: 242g (per pair)

## NEW

06

**GX 2x11 X-ACTUATION™ GRIP SHIFT**

X-ACTUATION™ for precise and dependable 11-speed performance

SPEED METAL™ shift indexing

ROLLING THUNDER™ ball bearing technology

JAWS™ lock-on grip technology

Weight: 286g (includes clamps, cable and JAWS™ lock-on grips)

## NEW

07

**XG-1150 FULL PIN™ CASSETTE**

FULL PIN™ technology uses eleven lightweight, stamped steel cogs held together with 123 high-strength stainless steel pins

Super wide 10-42t gear range—a perfect fit for any ride

Optimized gear steps across entire range

Open design aids in mud clearance

XD™ driver body compatible

Weight: 394g

09

**PC-1130 CHAIN**

Strong, precise and lightweight

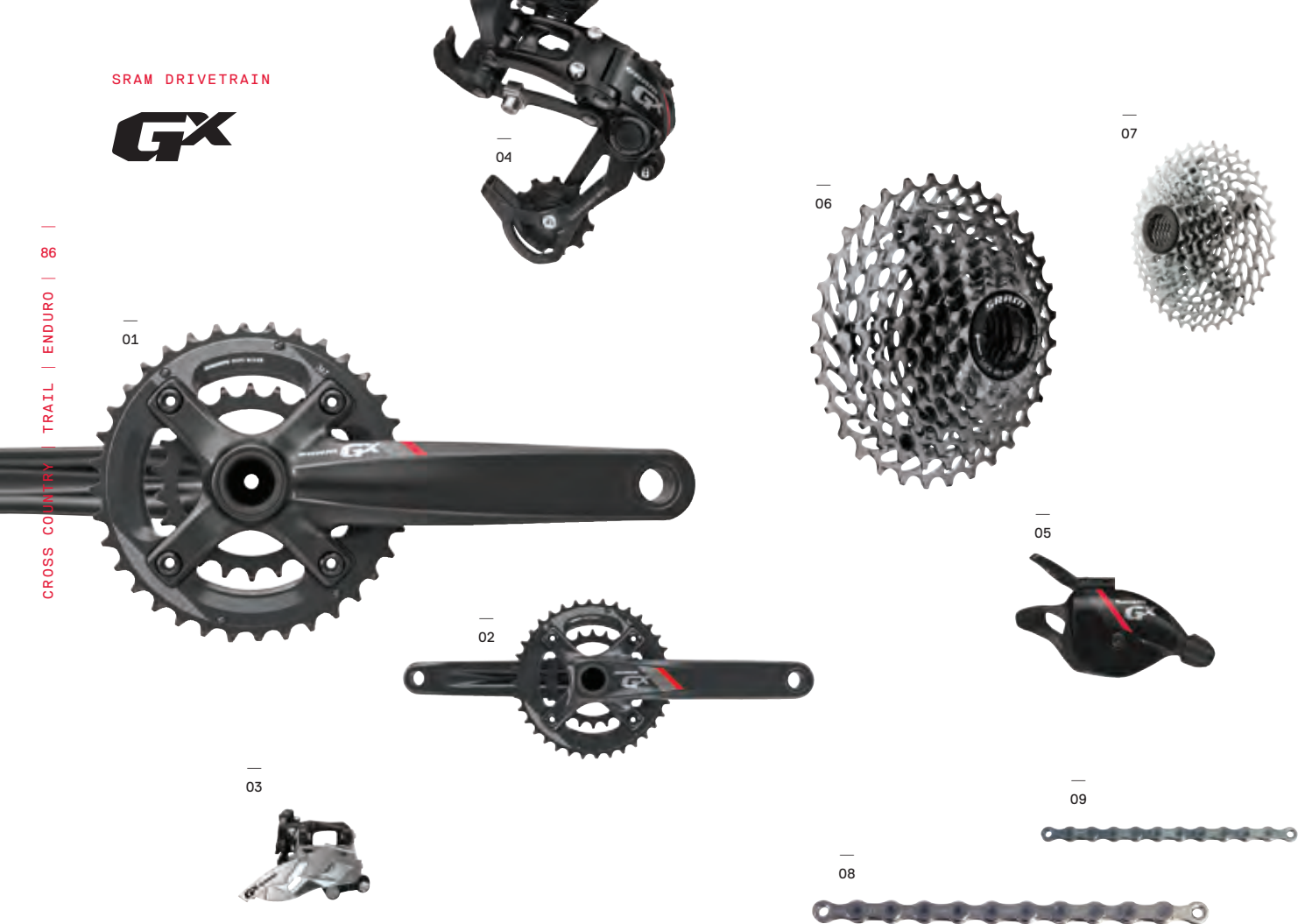
PowerLock® connecting link

Weight: 259g (114 links)



04

SRAM DRIVETRAIN

**GX****NEW**

01

**GX-1200 2x10 X-GLIDE™ CRANKSET**

The SRAM GX 2x crankset delivers consistent performance every time out

7000 series forged aluminum arms

X-GLIDE™ puts you in the right gear, right now

Chainring guard option

BOOST 148 compatible

Weight: 779g (24mm spindle, 175mm, 36-22t)

**NEW**

02

**GX-1000 2x10 X-GLIDE™ CRANKSET**

The SRAM GX 2x crankset delivers consistent performance every time out

6000 series forged aluminum arms

X-GLIDE™ 2x10 shifting technology

Chainring guard option

BOOST 148 compatible

Fat bike crank option

Weight: 799g (24mm spindle, 175mm, 36-22t)

**NEW**

03

**GX 10-SPEED FRONT DERAILLEUR**

2x10 systems with X-GLIDE™ front shifting technology

High clamp, low clamp, high direct mount, low direct mount, mid direct mount

Dedicated top and bottom pull

Weight: 134-161g

**NEW**

04

**GX 2x10 REAR DERAILLEUR**

EXACT ACTUATION™ for precise and dependable 10-speed performance

Cage lengths: short, medium and long

CAGE LOCK™

Weight: 302g (long cage with ROLLER BEARING CLUTCH™)

**NEW**

05

**GX 2x10 EXACT ACTUATION™ TRIGGER SHIFTERS**

Dedicated 2-speed and 10-speed trigger shifters

SRAM's 2x10 EXACT ACTUATION™ for precise and dependable 10-speed performance

Multi-position mounting

MatchMaker™ X compatible

Aluminum pull lever

Weight: 246g (per pair)

06

**PG-1050 CASSETTE**

The PG-1050 cassette benefits from SRAM's long history and expertise in developing cassettes. With its simple and reliable construction, it is the perfect cassette for the SRAM GX rider.

Gear ratios: 11-32t, 12-32t, 11-36t, 12-36t

Weight: 299g (11-32t)

07

**PG-1030 CASSETTE**

PowerGlide II™ technology provides super-smooth shifting between gears

11-36t gearing provides the perfect range for MTB enthusiasts and trail riders

Durable nickel chrome finish

Weight: 395g

08

**PC-1051 CHAIN**

The PC-1051 10-speed PowerChain™ featuring PowerLock® connecting link provides smooth, precise shifting and weight savings

Weight: 272g (114 links)

09

**PC-1031 CHAIN**

Simply stronger. The PC-1031 chain benefits from design for better performance

Weight: 272g (114 links)



# FAR AND WIDE

TX

Austin, Texas is known for a lot of things: live music, barbecue, and the Longhorns. We found all those things, but we also found a cycling rich town with a small, but quality trail network.

I can't seem to forget a damn thing. There's the random item or two that I'll lapse on at the grocery store sometimes, but really that's it. If I tell you I forgot something, I might be lying. My mind is a trap filled with smells, faces and unfinished birthday texts to friends. It's sometimes an exhausting burden that, even as I get older, I can't seem to shake free from. It's an eclectic mix here; we hunted for treasure on SoCo, listened to the "next big thing" just down the street, and watched a local artist spray freely at the Graffiti Park. I can trace the origins of this back to middle school. I have probably always had this skill somewhere within me, but it became fully unlocked around the same time I found bike—and, more importantly, the places the bicycle took me. Each time I pedaled away from home was a new adventure that I never wanted to end. So when it did end—for suppertime, homework, lawn mowing or darkness—I would replay the day over and over in my young head.



Usually I did this with my Walkman [look it up] blasting in my ears, acting as the soundtrack to the beloved rerun while I spaced out, staring at my bedroom ceiling or a blank math worksheet. I appreciated this ability. It allowed me to get lost in something I enjoyed when I couldn't actually be outside. It was a pacifier until the next time. It made me hungry for more, since the feelings were fresh. Coffee is a religion in all good cycling towns, and Austin is no different. Our early mornings started at Jo's, but a second cup from Flat Track or Cenote really got the day moving. I had two close friends that I rode with every day back then. We had different interests and talents both on and off the bike. I was the long-distance rider. I enjoyed racing and spending all day on the bike. My friends enjoyed the same, but favored being in the air more than on the ground. Our bike builds matched our riding preference. My tastes leaned towards the high post, titanium frame, racer-type build, while they had flat pedals, fat tires and bash guards. But these diverse builds never stopped us from riding together. To this day, I am still friends with those two middle-school guys that that helped me discover riding. I loved exploring on my bike but I'm not sure how far it would have gone without those two sharing those afternoons after



school and weekends with me. As time goes on, I am continually struck by how integral those early years were for me. It helped me appreciate all two-wheeled disciplines and never discriminate on the trail. The post coffee pedal through parks and neighborhood bike lanes took us to the maze of hobo trails in the Barton Greenbelt. Local knowledge told us that maps out here were useless, but the area is small enough to explore without real risk of getting lost in the wilderness. Fast forward to present day: Personal distractions and responsibility have taken hold. Making the time to get out and enjoy my true love has become a special event—something I cherish and share with my closest friends. Similar to my riding companions, when I first started pedaling, my present-day riding partners are their own people with their own diverse outlooks and rich talents both on and off the bike. They tackle life and the trail in front of them differently. There are no mountains here, but this is hill country and just outside Austin is Pace Bend Park where a multi use singletrack network cuts ribbons across the hilly terrain with punchy climbs and rocky descents.





“TIP:  
START AT THE  
HILL OF LIFE”

**SRAM**





01



01

**XX CRANKSET**

The first MTB crank specifically designed for 2x10

The oversized chainrings are CNC machined from 6mm 7075 aluminum blanks

Unparalleled stiffness is delivered by an increased Bolt Circle Diameter (BCD) and a two-piece insert-molded carbon composite construction

X-GLIDE™ technology shifting

Narrow 156mm Q-factor and wide 166mm Q-factor

Weight: 754g (24mm spindle, 175mm, 39-26t, with GXP® bottom bracket)

02



02

**XX FRONT DERAILLEUR**

Low profile design specifically for 2x10

The fastest front shift

Offered in a wide variety of clamp-mount and direct-mount options

Weight: 118g (low mount)

03

**XX REAR DERAILLEUR**

EXACT ACTUATION™ for precise and dependable 10-speed performance

Sealed ceramic pulleys give you the highest levels of durability

The carbon fiber cage has a dedicated length specific to 2x10

36-tooth cassette capable

Medium and long cage available

Weight: 181g

03



04

**XX TRIGGER SHIFTERS**

SRAM's 2x10 EXACT ACTUATION™ for precise and dependable 10-speed performance

One of the lightest and most compact shifters ever created

Fully adjustable carbon fiber lever

MatchMaker™ X compatible

Weight: 183g (per pair)

05

**XX GRIP SHIFT**

EXACT ACTUATION™ for precise and dependable 10-speed performance

SPEED METAL™ shift indexing

ROLLING THUNDER™ ball bearing technology

JAWS™ lock-on grip technology

Carbon cover

Weight: 287g (includes clamps, cable and JAWS™ lock-on grips)



**UNRIVALED**

The original 2x10 mountain bike group took pro racing by storm the day it was released and has dominated ever since. It's no secret why: XX delivers flawless X-GLIDE™ technology shifting in the heat of battle. It saves weight so you fly up the climbs. And its proven reliable in the most punishing conditions. When it comes to competition, XX reigns supreme.

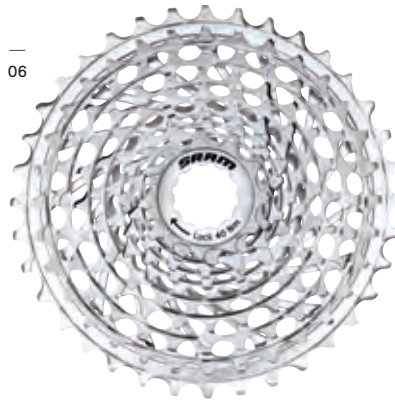
04



05



06



07



06

**XG-1099 CASSETTE**

X-DOME™ 10-speed technology

Optimized gear steps across entire range

Incredibly lightweight, precise and strong

Open design aids in mud clearance

11-32T

Weight: 208g (11-36t)

07

**PC-1091R CHAIN**

HollowPin™ construction

Lightweight, smooth, precise-shifting

Weight: 251g (114 links)





01

**X0 CRANKSET**

X-GLIDE™ 2x10 and 3x10 shifting technology

CNC machined 7mm aluminum chainrings

Bottom bracket configurations: PressFit 30™, BB30, GXP®, and PressFit GXP®

Also available for DH builds, X01 DH crankset with SRAM 1x™ technology compatible with 10-speed EXACT ACTUATION™

Weight: 774g (24mm spindle, 175mm, 38-24t, with GXP® bottom bracket)

02

**X0 FRONT DERAILLEUR**

Wide range 2x10 and 3x10 systems with X-GLIDE™ front shifting technology

Dedicated 34-, 38- and 36-tooth front derailleurs

High clamp, low clamp, high direct mount, low direct mount

Weight: 130g





## RELENTLESS

SRAM X0 brings the right gear to your most heated trail battles—any terrain and every time. Building an X0 bike is a serious, zero compromise endeavor. Only X0 combines the highest-level technology options with a style that matches you perfectly. A flawless bike needs to do more than just work every ride; it needs to look the part. BUILD THE PERFECT BIKE.

04



05



06



07



03

### X0 REAR DERAILEUR

EXACT ACTUATION™ for precise and dependable 10-speed performance

Focused chassis design for all conditions and usage

36-tooth cassette capable

Cage lengths: short, medium and long

Also available for DH builds, X01 DH 10-speed rear derailleur with SRAM 1x™ technology

Weight: 235g

04

### X0 TRIGGER SHIFTERS

SRAM's 2x10 and 3x10 EXACT ACTUATION™ for precise and dependable 10-speed performance

Small design with adjustable pull lever

The first patented multi-adjustable trigger shifter which allows for precise rider fit

MatchMaker™ X compatible

Weight: 232g (per pair)

05

### X0 GRIP SHIFT

EXACT ACTUATION™ for precise and dependable 10-speed performance

SPEED METAL™ shift indexing

ROLLING THUNDER™ ball bearing technology

JAWS™ lock-on grip technology

Weight: 287g (includes clamps, cables and JAWS™ lock-on grips)

06

### XG-1080 CASSETTE

EXACT ACTUATION™ for the best 10-speed MTB performance

Lightweight, stamped steel cogs are held together using high-strength steel pins

Mud-clearing open design similar to our X-DOME™ cassette

11-36t gearing provides the perfect range for MTB enthusiasts and trail riders

Weight: 315g

07

### PC-1091 CHAIN

Heavily chamfered outer plates for improved shifting and quieter running

Inner plate finish plus chrome hardened pin construction

Weight: 260g (114 links)

**X5****UP FOR EVERY CHALLENGE**

With race-ready performance and technology, X5 components help off-road enthusiasts take it to the next level. With smooth, precise X-GLIDE™ shifting and legendary SRAM 10-speed performance, X5 brings out the best in any bike—and in every rider.

01



02



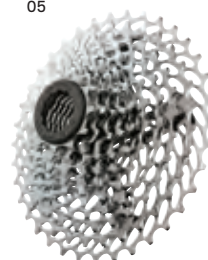
03



04



05



06



01

**X5 CRANKSET**

X-GLIDE™ 2x10 and 3x10 shifting technology

Forged AL-6061 asymmetric crank arm shape

Bottom bracket configurations: PressFit 30™, BB30, GXP®, and PressFit GXP®

Fat bike crank option

Weight: 921g (24mm spindle, 175mm, 38-24t, with GXP® bottom bracket)

02

**X5 FRONT DERAILLEUR**

Wide range 2x10 and 3x10 systems with X-GLIDE™ front shifting technology

Two clamp options fit most popular seat tube sizes

Weight: 179g

03

**X5 REAR DERAILLEUR**

EXACT ACTUATION™ for precise and dependable 10-speed performance

DIRECT ROUTE™ technology for lighter effort shifting

36-tooth cassette compatibility

Cage Lengths: medium and long

Weight: 295g

04

**X5 TRIGGER SHIFTERS**

SRAM's 2x10 and 3x10 EXACT ACTUATION™ for precise and dependable 10-speed performance

Impulse Technology

Weight: 250g (per pair)

05

**PG-1030 CASSETTE**

PowerGlide II™ technology provides super-smooth shifting between gears

11-36t gearing provides the perfect range for MTB enthusiasts and trail riders

Durable nickel chrome finish

Weight: 395g

06

**PC-1031 CHAIN**

Simply stronger. The PC-1031 chain benefits from design for better performance

Weight: 272g (114 links)



## BOTTOM BRACKETS



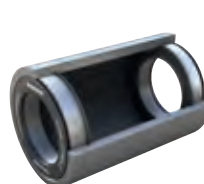
01



02



03



04



01

**GXP®**

Gutter Seal Technology™  
Improved tool engagement  
Sealed cartridge bearings  
English or Italian threads  
Weight: 102g (Ceramic),  
106g (Team), 107g (XR)

02

**PRESSFIT GXP®**

GXP® compatible  
Easy installation  
PressFit cups for lighter weight  
Two fully sealed cartridge bearings  
Standard GXP® bearing size  
Weight: 93g (Ceramic),  
94g (Standard)

03

**BB30**

30mm alloy spindle  
Larger bearings for longer life  
40x30x7 larger bearing size  
Weight: 56g (Ceramic),  
64g (Standard)

04

**PRESSFIT 30**

Easy installation  
PressFit cups for lighter weight  
Narrow Q-factor and more ankle clearance  
Integrated gutter seal to prolong life  
Integrated adjuster  
30mm spindle diameter  
40x30x7 larger bearing size  
Weight: 81g (Standard)



# KNOW YOU CAN





# W

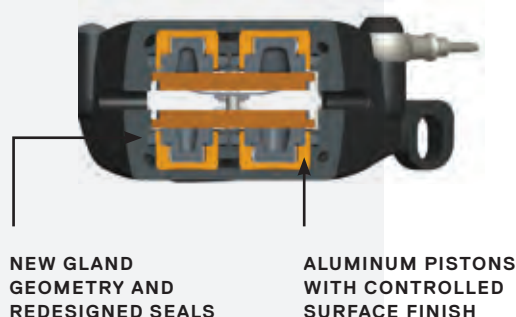
## BRAKES

SRAM's innovations in drivetrain have propelled two-wheeled renegades forward for over twenty years. From leaving thumbs and fingers on the grips, by shifting with your palm, to liberating frames and handlebars from the trappings of a front derailleur, SRAM products embody mountain biking's constant evolution. With products pushing riders forward, upward, downhill, and beyond with unprecedented speed, we have created new challenges for slowing them down. SRAM enters the brakes market with products designed for where mountain bikes are going, guided by where they have been. SRAM brakes.



GUIDE ULTIMATE  
S4 CALIPERCONSISTENCY  
AND RIDE FEEL

The S4 caliper's aluminum pistons feature a carefully controlled surface finish designed to precisely interact with redesigned seals and new gland geometry. This creates a brake that sets up easily and ensures a solid ride feel which doesn't change even during the longest runs.

HEAT  
MANAGEMENT

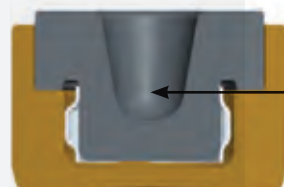
With its phenolic piston insulators, stainless steel Heat Shield and wider pad pocket, the S4 caliper ensures optimal heat management even during the longest and hardest runs, in every condition.

**STAINLESS STEEL HEAT SHIELD**

A stainless steel heat shield breaks the thermal connection between the pad and caliper body, reducing caliper fluid temperature by about 20°C even in the most extreme testing conditions.

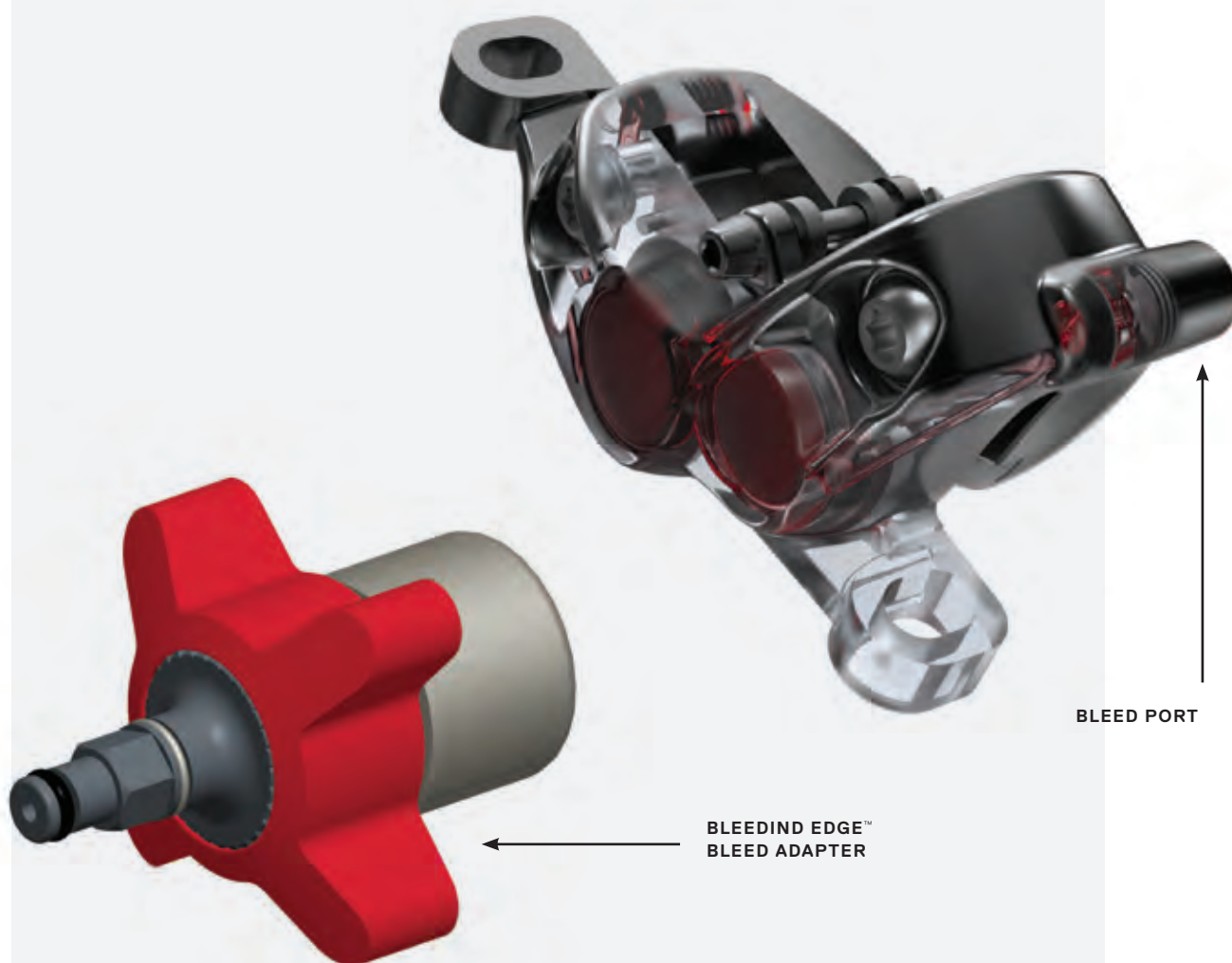
**WIDER PAD POCKET**

The S4 caliper's wider pad pocket helps expose the full length of the brake pads to air flow for increased cooling.

**PHENOLIC PISTON INSULATOR**

A phenolic insulator integrated in the piston reduces heat transfer from the pads to the piston thus reducing fluid operating temperature.



GUIDE ULTIMATE  
S4 CALIPER

New bleed porting and fluid path make it easier to push fluid through the caliper for quick and easy bleeding. The bleed port is located at the bottom of the caliper, making it easy to flush air from the system and push brake fluid throughout the whole circuit. The dedicated bleed adapter for the S4 caliper plugs into the bleed port and seals the system to minimize air contamination and fluid loss.

# BLEEDING EDGE™

# GUIDE

## GUIDE ULTIMATE

The best brake is the one you don't notice. One that intuitively links a rider to the trail, and controls speed without a second thought. When braking becomes a reflex that moves you forward, it's done right. We've learned that the best brake is the one you don't notice. Which is why we paired the intuitive feel and unmatched modulation of the acclaimed Guide lever with state of the art consistency, ride quality and heat management in a completely new S4 caliper, with possibly the easiest bleeding procedure ever conceived. And we made them light. So light you might not even notice them. Guide Ultimate. Notice the trail, and nothing else.







### S4 CALIPER

Constantly exposed to heat, mud, and dust, brake calipers tolerate a thankless existence. However, the oft-overlooked aluminum shell conceals a group of precisely designed components working in harmony. Four pistons move in a perfectly controlled environment, where new molded seals and an incredibly precise surface finish ensure consistent rollback and constant lever feel. This caliper is easier to setup and bleed, improves ride feel, and manages heat better than any previous design.

#### NEW

##### GUIDE ULTIMATE

- New S4 caliper
- Carbon lever blade
- Titanium hardware
- Contact Point Adjust
- Tool-free Reach Adjust
- MatchMaker™ X Compatible
- Lever pivot bearing
- Colors: Arctic Grey Ano and Black Ano
- Technologies: SwingLink™, Expandable Bladder, Timing Port Closure, Bleeding Edge™
- Weight: 360g

#### NEW

##### S4 CALIPER

- Dual-diameter (14 and 16mm) four-piston caliper
- Heat Shield, insulated pistons and a larger pad pocket for superior heat management
- Bleeding Edge™ technology

## GUIDE

01



04

**GUIDE**

Confidence may be the most powerful tool in a rider's arsenal. When you're at ease, every section of trail rolls smoothly as you float from turn to turn. And controlling speed becomes second nature, just a reflex to the trail ahead. When we created the SRAM Guide brakes, we had this effortless state in mind. With the goal of making a brake with all the power you could ever need, but with unparalleled modulation for an instinctual feel. And complete adjustability, so you can feel comfortable on any trail. No matter how unwelcoming.

The Guide four-piston dual-diameter mountain bike caliper provides confidence in a lightweight package with more usable power. And it's a mere four grams of weight difference over our two-piston XC specific caliper models.



01  
**GUIDE RSC**  
R – Reach Adjust  
S – SwingLink™  
C – Contact Point Adjust  
Contact Point Adjust  
Tool-free Reach Adjust  
MatchMaker™ X Compatible  
Lever Pivot Bearings  
Guide caliper  
Colors: Polished Silver Ano or Black Ano  
Technologies: SwingLink™, Expandable Bladder, Timing Port Closure  
Weight: 383g

02  
**GUIDE RS**  
R – Reach Adjust  
S – SwingLink™  
Tool-free Reach Adjust  
MatchMaker™ X Compatible  
Guide caliper  
Color: Black  
Technologies: SwingLink™, Expandable Bladder, Timing Port Closure  
Weight: 388g

03  
**GUIDE R**  
R – Reach Adjust  
Tool-free Reach Adjust  
MatchMaker™ X Compatible  
Guide caliper  
Color: Black  
Technologies: DirectLink™, Expandable Bladder, Timing Port Closure  
Weight: 396g

04  
**GUIDE CALIPER**  
Dual-diameter (14 and 16mm) four-piston caliper  
All mountain power and control





## RACE WINNING PERFORMANCE

Skip the diet and dig into XX brakes instead. Reengineered to wring out as many grams as possible with aluminum lever body and calipers, and updated internals. These aren't just light. They're shockingly light. Because nothing tastes as good as winning feels.

### XX BRAKES

Caliper design: 2-piston, forged 2-piece aluminum, top loading pads

Lever material: Carbon fiber, forged aluminum body

Adjustment: Reach Adjust and Banjo Adjust

MatchMaker™ X Compatible

Color: Obsidian Black

Technologies: Deep Stroke Modulation™, DOT 5.1, Integrated Reservoir, MatchMaker™ and MMX™ Compatible, Power Reserve Geometry, Reach Adjust, TaperBore Technology™

Weight: 290g







### LEAN. AND MEAN.

At just 310g, SRAM X0 brakes won't weigh you down when you're tackling tough terrain. The smooth feel of the forged aluminum lever body combined with the svelte 2-piston caliper give you just what you need to push things a little bit further. So whether you're inching your way down a sketchy chute or feathering the brakes through a head-high berm, X0 gives you the confidence to think less about your brakes and more about the task at hand.

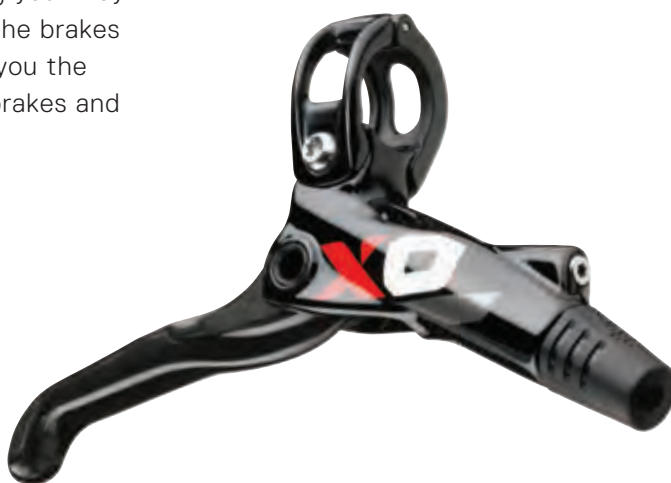
#### X0 BRAKES

MatchMaker™ X Compatible

Colors: Red or Silver

Technologies: Contact Point Adjustment™, Deep Stroke Modulation™, DOT 5.1, Integrated Reservoir, MatchMaker™ and MMX™ Compatible, Power Reserve Geometry, Reach Adjust, TaperBore Technology™, Top-loading Pads, Tri-Align™ Caliper Positioning System™

Weight: 310g



## DB

**STEALTH FIGHTER**

Calm, cool and collected. The SRAM DB5 is a no-nonsense champion for mountain bikers who want to ride bigger, steeper and harder, but who also want money left over to get there. DirectLink™ lever technology puts positive brake feel at your fingertips while the large-volume reservoir and proven two-piston design provide plenty of control when you need it.

**DB5**

Technologies:  
DirectLink™, MatchMaker™  
and MMX™ Compatible,  
PiggyBack™ Reservoir,  
Expandable Bladder,  
Reach Adjust, Timing  
Port Closure

Weight: 410g





# ROTORS

## CENTERLINE X ROTOR

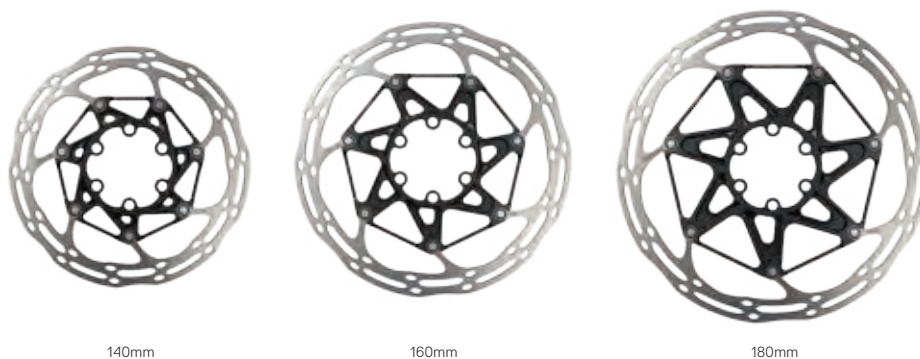
CenterLine X rotors are the lighter-weight version of SRAM's quiet, smooth and robust CenterLine rotors, featuring a two-piece design with an alloy center and steel brake track.

### CENTERLINE X ROTOR

140, 160 and 180mm sizes

6 bolt and Center Lock

Aluminum carrier, Steel CenterLine brake track



## CENTERLINE ROTOR

The Centerline rotor was designed to keep the center of friction consistent throughout rotation thereby minimizing vibration.

This results in:

Quiet running

Smooth engagement

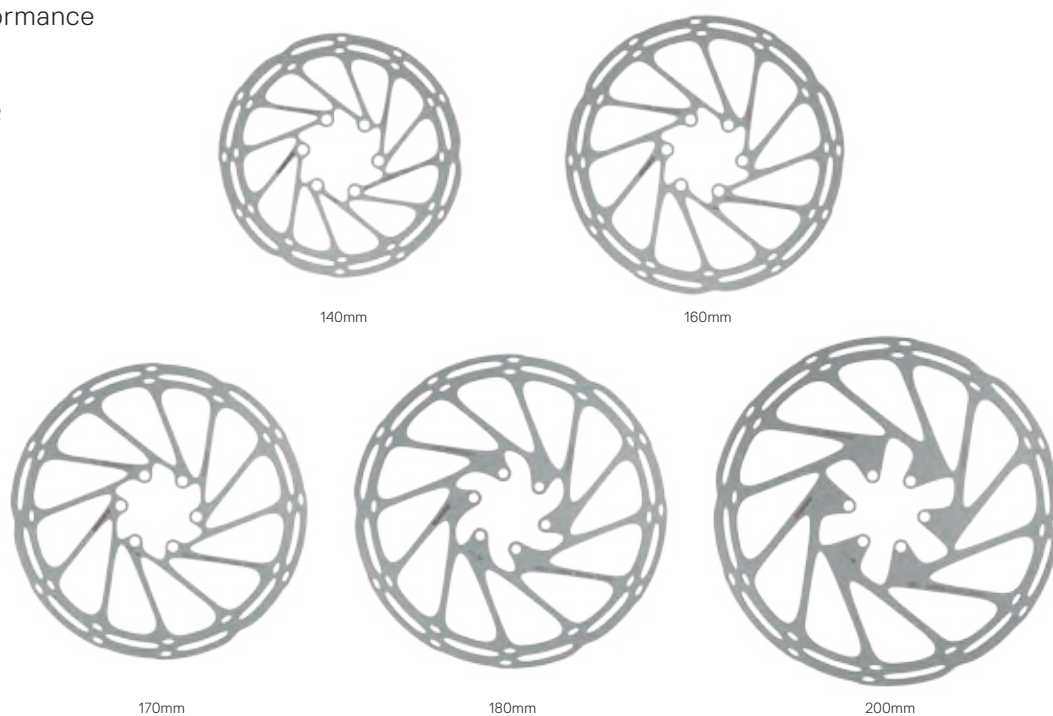
Consistent performance

### CENTERLINE ROTOR

One-piece

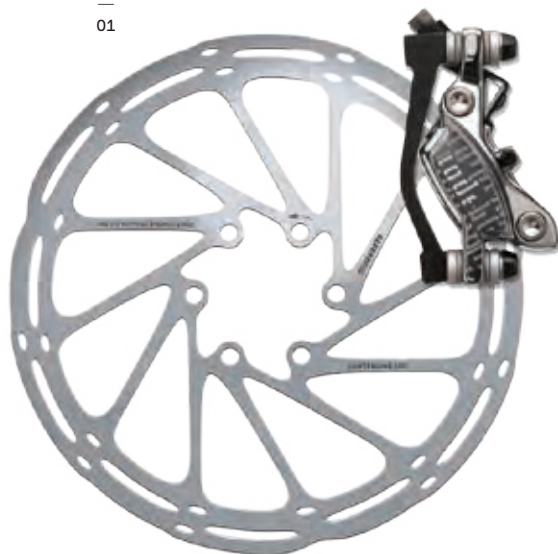
140, 160, 170, 180, and 200mm sizes

6 bolt





01

**FREE TO FLY**

Gravity is your friend—but sometimes you have to keep it in check. CODE brakes give you the freedom to let it all hang out on the most fearsome freeride or downhill terrain while knowing you're always in control. With reliable TaperBore™ lever technology and a beefy 4-piston caliper design—all in a package that weighs less than many XC brakes—CODE gives you the confidence to go out there and pin it.

01

**CODE**

Caliper design: 4-piston, dual-diameter, forged 2-piece, top loading pads

Lever material: Black aluminum, 3-cartridge bearing lever pivot

Adjustment: Contact Point Adjustment™, Reach Adjust, Banjo Adjust and Tri-Align™ Caliper Positioning System™

MatchMaker™ Compatible

CenterLine rotor: 160, 170, 180, and 200mm

Color: Ano Grey

Technologies: Bend Zone™, Contact Point Adjustment™, Deep Stroke Modulation™, DOT 5.1, Integrated Reservoir, Power Reserve Geometry™, TaperBore Technology™, Top-loading Pads, Tri-Align Caliper Positioning System™

Weight: 410g

02

**CODE R**

Caliper design: 4-piston, dual-diameter, forged 2-piece, top loading pads

Lever material: Aluminum

Adjustment: Reach Adjust, Banjo Adjust and Tri-Align Caliper Positioning System™

MatchMaker™ X Compatible

CenterLine rotor: 160, 170, 180, and 200mm

Color: Graphite Grey

Technologies: Bend Zone™, Deep Stroke Modulation™, DOT 5.1, Integrated Reservoir, Power Reserve Geometry™, TaperBore Technology™, Top-loading Pads, Tri-Align Caliper Positioning System™

Weight: 395g



02





## MORE CONTROL. MORE CONFIDENCE. MORE FUN.

When you're tackling rough trails, nothing affects your confidence and control more than your brakes. With increased negative volume to combat heat expansion, plus powerful larger-caliper pistons, DB3 gives you the juice to up your game. And a new bladder material reduces air bubbles, ensuring power and consistency on every ride.

### DB3

Technologies: Bend Zone™, MatchMaker™ Compatible, Power Reserve Geometry™, TaperBore Technology™, Tool-Free Reach Adjust

Weight: 451g



## GREAT VALUE. ZERO COMPROMISES.

The only thing entry-level about the DB1 is its price tag. With a robust design and a crisp, precise feel—thanks to its Power Reserve Geometry™ and increased negative volume—the DB1 punches above its weight. This brake also features a streamlined Flip-Flop lever design with a low-profile, single-bolt clamp for convenience. When it comes to better braking performance, the smart money is on DB1.

### DB1

Technologies: Bend Zone™, Power Reserve Geometry™, Reach Adjust, TaperBore Technology™

Weight: 455g





## THE MECHANICAL ADVANTAGE IS YOURS

There's power in simplicity. For years now, ball bearing disc brakes have been a favorite among riders who want control, durability, dependability and piece-of-cake adjusting. Adjustment knobs make quick work out of setting the perfect distance between the pads and rotor, as well as adjusting for pad wear. This is something you just can't do with hydraulic brakes.

01

### BB7 MOUNTAIN S

Caliper design:  
Mechanical, forged  
2-piece aluminum

Pad: Steel backed organic

Adjustment: Dual Knob  
Pad Adjust

Color: Black Anodized

Technologies: Tri-Align™  
Caliper Positioning System™

Weight: 327g

02

### BB7 MOUNTAIN

Caliper design:  
Mechanical, forged  
2-piece aluminum

Pad: Sintered

Adjustment: Dual Knob Pad  
Adjust and Tri-Align™  
Caliper Positioning System™

Color: Graphite Grey

Technologies: Tri-Align™  
Caliper Positioning System™

Weight: 333g

03

### BB5 MOUNTAIN

Caliper design:  
Mechanical, monoblok

Pad: Sintered

Adjustment: Inboard Knob  
Pad Adjust and Tri-Align™  
Caliper Positioning System™

Color: Satin Black

Technologies: Tri-Align™  
Caliper Positioning System™

Weight: 312g



# SPEED DIAL

## WHAT DREAMS ARE MADE OF

The squeeze of our levers is what dreams are made of (you know what kind we're talking about). Most of can be swapped to run either front or rear—which is convenient if you like your brakes reversed—or a Godsend if you bust a lever in the middle of the woods. Plus they are easy to install, simple to set up and our patented Speed Dial® makes adjustment easy as pie.

01

### SPEED DIAL SL

Lever material:  
Magnesium, reversible

Adjustment: Reach Adjust, Speed Dial® Leverage Adjust and Qwik-Adjust Barrel Adjuster

Compatibility:  
Mechanical disc brakes and linear-pull brakes

Color: Aero Silver

Technologies: Bend Zone™, Reach Adjust, Speed Dial®

Weight: 150g

02

### SPEED DIAL 7

Lever material:  
Aluminum, reversible

Adjustment: Reach Adjust, Speed Dial® Leverage Adjust and Qwik-Adjust Barrel Adjuster

Compatibility:  
Mechanical disc brakes and linear-pull brakes

Colors: Graphite Grey body and Black lever blade

Technologies: Bend Zone™, Reach Adjust, Speed Dial®

Weight: 175g

02



01



# SINGLE DIGIT

## CLASSIC

Who says you can't improve on a classic? Avid takes rim brakes to the next level by combining trusted power with new technology that makes installation and adjustment so easy a kid could do it. Rim brakes have been stopping wheels for over a hundred years, but now Avid has added details so inspired, it's hard to believe no one thought of them earlier.



01  
**SINGLE DIGIT SL**  
Caliper design: Forged  
Pad: RW2 Cartridge  
Adjustment: Screw Style  
Compatibility: Mountain style levers  
Color: Aero Silver  
Weight: 165g



02  
**SINGLE DIGIT 7**  
Caliper design: Forged  
Pad: RW2 Cartridge  
Adjustment: Screw Style  
Compatibility: Mountain style levers  
Color: Graphite Grey  
Weight: 185g



03  
**SINGLE DIGIT 5**  
Caliper design: Forged  
Pad: 20R 1-piece  
Adjustment: Screw Style  
Compatibility: Mountain style levers  
Color: Black  
Weight: 185g




THE PERFECT BALANCE

That noise you hear is the cheer of every cyclocross, tandem, recumbent and sticker-laden courier bike rider in the world Shorty Ultimate. One of the pillars of the Shorty family—ready to work, get dirty and play hard.

01	02	03
<b>SHORTY ULTIMATE</b>	<b>SHORTY 6</b>	<b>SHORTY 4</b>
Caliper design: Aluminum, wide or narrow stance	Caliper design: Aluminum	Caliper design: Forged aluminum
Pad: Standard road cartridge	Pad: Standard road cartridge	Pad: 1-piece road cartridge
Adjustment: In-line cable adjuster and pad height	Adjustment: Pad height	Adjustment: Pad height
Compatibility: Road style levers	Compatibility: Road style levers	Compatibility: Road style levers
Colors: Black and Zephyr Grey Anodized	Colors: Mercury Silver and Rival Black	Color: Black
Weight: 115g	Weight: 157g	Weight: 157g



A full-page photograph of a mountain biker in motion. The rider is wearing a brown long-sleeved jersey with a white 'S' logo on the back, red shorts with a white 'ASTRIS' logo, and a red and white helmet. They are riding a mountain bike over a large, weathered log. The background is a sunlit, hilly landscape with green vegetation. The lighting is warm, suggesting late afternoon or early morning. In the top left corner, there is a white L-shaped graphic element. In the bottom left corner, there is another white L-shaped graphic element.

You don't win by being the  
lightest. Or the stiffest.  
Or the toughest. You win  
by being the fastest. And  
that takes a wheel designed  
specifically for the modern  
mountain biker. At SRAM,  
we start with the demands  
of the terrain and work  
forward from there—carefully  
balancing each wheel's design  
around five key attributes:  
weight, inertia, engagement,  
stiffness and durability. No  
matter where you ride, SRAM  
wheels will take you further.  
RISE higher. ROAM farther.  
RAIL harder.



WHEELS

# PER- FECT BAL- ANCE

SRAM



# NEW FOUND SPEED

IT

Blackbox  
testing  
with

**Jerome Clementz**



Jon Cancellier has managed the BlackBox Program for the past 7 seasons. This includes choosing the athletes, working with them on custom projects, as well as being at the races to make sure that they have everything they need. An athlete on the SRAM BlackBox Program has access to all the engineering horsepower that we have to offer and Jon is the link between racer and company. Earlier this year he travelled to Finale Ligure, Italy with 2013 Enduro World Series Champion Jerome Clementz to test wheels. We asked Jon some questions about the test, and what it meant for Jerome as he put in his first miles on SRAM wheels.





**Explain the test with Jerome**

JC: The goal of the test was to give Jerome time on three models of SRAM wheels and let him evaluate the benefits of each. We chose one track and had him ride it twice for each set of wheels. The tires, tire pressure and rotors were carried over each run to eliminate as many variables as possible. While the runs were not timed, Jerome tried to carry the same pace each run to keep his feedback similar.

**How often does a test like this happen?**

JC: We tend to test products with athletes at the beginning of the year to set baselines for the upcoming season. If we are working on something new that we are looking to get athlete feedback on, it can happen as soon as we have a rideable prototype. As wheels are a relatively new area for SRAM as well as the BlackBox Program, this is only the second time we have conducted this kind of wheel test with an athlete. The first was with Nico Vouilloz last year. As we create new wheels or have new ideas we want to test, I see this being a very valuable tool for our development process.

**What can a test like this potentially yield for both the athlete and SRAM?**

JC: Testing in this way allows the wheels to be broken down to their unique parts, each being a different variable. We can then pick apart the results and see which variable created the feeling the rider is after. For Jerome, he was able to feel the differences between rim width, rim material as well as spoke thickness. This way he can feel how one variable can affect the ride and we as a company can learn more about how all the wheel components add up as we strive to make the fastest wheels.





**What did Jerome learn during the test?**

JC: Jerome discovered all three wheels to be winners. He found that all three offered him such strong unique characteristics that he couldn't put one ahead of the others. He was able to conclude that the hugely varying terrain of the EWS will allow each of these wheel's characteristics to shine at key races throughout the season. Knowing that he has three wheels that he can confidently choose between will give him a competitive advantage every weekend as he looks to regain the Enduro World Series title.

**So based on that conclusion, what will Jerome's wheel choice strategy be?**

JC: He will choose the wheel that best suits the conditions and terrain he is faced with on a certain weekend. For example, he found the wider rim of the Rail 50 to add more volume to the tire, so this might be his first choice on a weekend where the terrain is very rough. Jerome found the carbon rim on Roam 60 to be very responsive. This is especially beneficial for tracks that demand quick acceleration, like those found at last year's EWS round in Scotland. Roam 50 offered him a strong balance of all of these variables and will be a great option most weekends of the year.

**Beyond wheels, did you learn anything else?**

JC: As you would expect from an Enduro World Series Champion, Jerome is meticulous about his setup and is very in tune with what he expects from his bike. He can feel very small changes in product that can mean big differences for both him on the bike and for us as we develop our wheels.

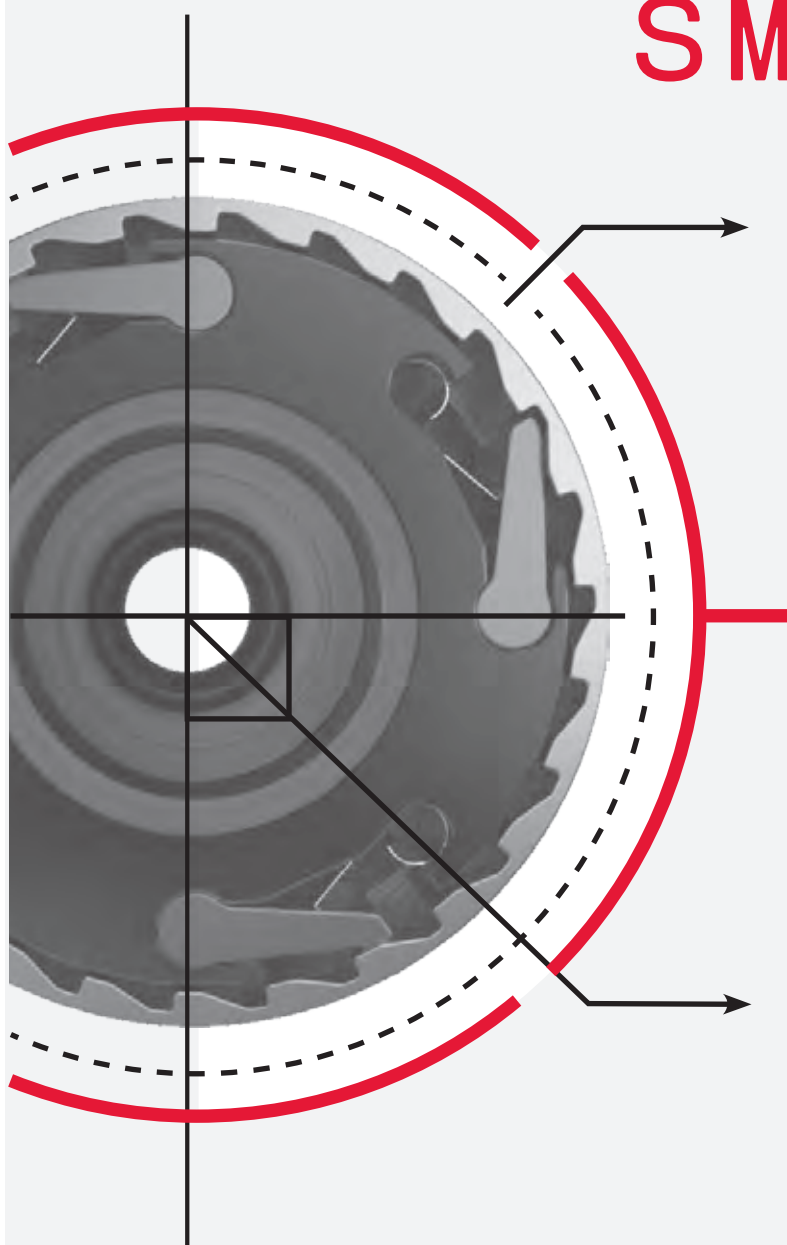


**“HE FOUND THAT ALL THREE (WHEELS) OFFERED HIM SUCH STRONG UNIQUE CHARACTERISTICS THAT HE COULDN'T PUT ONE AHEAD OF THE OTHERS”**



This straight-aligned, 4-pawl design turns the 26-tooth ratchet ring into 52 points of contact. The result: smooth 6.9° engagement without reducing tooth size or offsetting internal geometry—which means serious long-term durability.

# RATCHET UP THE SMARTS



26-TOOTH RATCHET RING

26  
x 2

52

POINTS OF  
ENGAGEMENT

STRAIGHT-ALIGNED AND  
PERPENDICULAR  
2-PAIR, 4-PAWL DESIGN

# RISE

## RISE HIGHER

Sacrifice nothing. Optimize everything. That's how SRAM does wheels. In RISE, we've engineered the perfect balance of weight, inertia, engagement and stiffness to give you the right ride for XC and beyond—the right feel and the right results. Quicker bursts, tighter turns, better rolling and easier climbs. Softer landings and smoother descents. Bigger wins. Louder cheers. Every wheel connects you to the ground. Only a few can carry you to new heights. We call ours RISE for a reason.

01

01

### RISE XX

Available in 29" only

CARBON TUNED™ rim for tubular tires

Butted stainless spokes for stiff responsiveness

DOUBLE TIME™ ratchet mechanism for durable, quick engagement

SPEEDBALL™ CERAMIC precision bearings for light, extremely smooth action

Convertible to different axle types

Available in XD™ or 9-, 10- and 11-speed driver body

Weight: 1285g (29")

*Wheel pair in lightest configuration*

02

### RISE 60

Available in wheel sizes: 27.5 and 29"

Rim material: CARBON TUNED™ unidirectional and woven carbon fiber composite

Rim profile: 21mm internal width, tubeless ready, hookless rim walls

SOLO SPOKE™ design with double butted, stiff stainless steel spokes

Durable, precision-machined SPEEDBALL™ bearings

DOUBLE TIME™ ratchet mechanism for durable, quick engagement

Available in XD™ or 9-, 10- and 11-speed driver body

Axle compatibility: 9x100 QR, 9x10 QR OS or 15x100 (Front), 10x135 QR, 12x135 or 12x142 (Rear)

Weight: 1385g (27.5"), 1430g (29")

*Wheel pair in lightest configuration*







02





03



02



01

**ROAM 60**

Available in all three wheel sizes: 26, 27.5 and 29"

CARBON TUNED™ unidirectional and woven carbon fiber, asymmetrical rim profile

Profile: 21mm inside, 28mm outside rim width

UST tubeless

Available in XD™ or 9-, 10- and 11-speed driver body

Aluminum nipples with nylon lock ring

SOLO SPOKE™ design with double butted, stiff stainless steel spokes

Durable hub internals with Star Ratchet 36-tooth system

SIDE SWAP™ easy conversion to all axle types

DOUBLE-DECKER™ hub shell design

Weight: 1515g (26"), 1570g (27.5"), 1650g (29")

*Wheel pair in lightest configuration*

02

**ROAM 50**

Available in all three wheel sizes: 26, 27.5 and 29"

Lightweight aluminum rim with asymmetrical TAPER CORE™ profile

Profile: 21mm inside, 25.5mm outside rim width  
UST tubeless

Available in XD™ or 9-, 10- and 11-speed driver body

Aluminum nipples with nylon lock ring

SOLO SPOKE™ design with double butted, lightweight steel spokes

Durable hub internals with Star Ratchet system

SIDE SWAP™ easy conversion to all axle types

DOUBLE-DECKER™ hub shell design

Weight: 1475g (26"), 1530g (27.5"), 1610g (29")

*Wheel pair in lightest configuration*

03

**ROAM 40**

Available in all three wheel sizes: 26, 27.5 and 29"

Lightweight aluminum rim with asymmetrical TAPER CORE™ profile—with a welded joint

Profile: 21mm inside, 25.5mm outside rim width

UST tubeless

Available in XD™ or 9-, 10- and 11-speed driver body

SOLO SPOKE™ design with double butted, stiff stainless steel spokes

Durable, precision-machined SPEEDBALL™ bearings

DOUBLE TIME™ ratchet mechanism for durable, quick engagement

Convertible to any axle type

BOOST 110 and 148 compatible

Weight: 1560g (26"), 1615g (27.5"), 1695g (29")

*Wheel pair in lightest configuration*

04

**ROAM 30**

Available in all three wheel sizes: 26, 27.5 and 29"

Lightweight aluminum rim with asymmetrical TAPER CORE™ profile —with a sleeved joint

Profile: 21mm inside, 25.5mm outside rim width

Tubeless ready

Available in XD™ or 9-, 10- and 11-speed driver body

SOLO SPOKE™ design with butted, lightweight steel spokes

DOUBLE TIME™ ratchet mechanism for durable, quick engagement

Convertible to any axle type

BOOST 110 and 148 compatible

Weight: 1730g (26"), 1785g (27.5"), 1870g (29")

*Wheel pair in lightest configuration*





## ROAM FARTHER

Fast climbs and fast descents—from sun up till sundown. Truly made for the modern mountain biker, ROAM wheels use a special balance of low-inertia design, weight and strength to excel on a wide variety of terrain. They're durable enough for hours in the saddle, yet light enough for race day.



01

**SRAM**

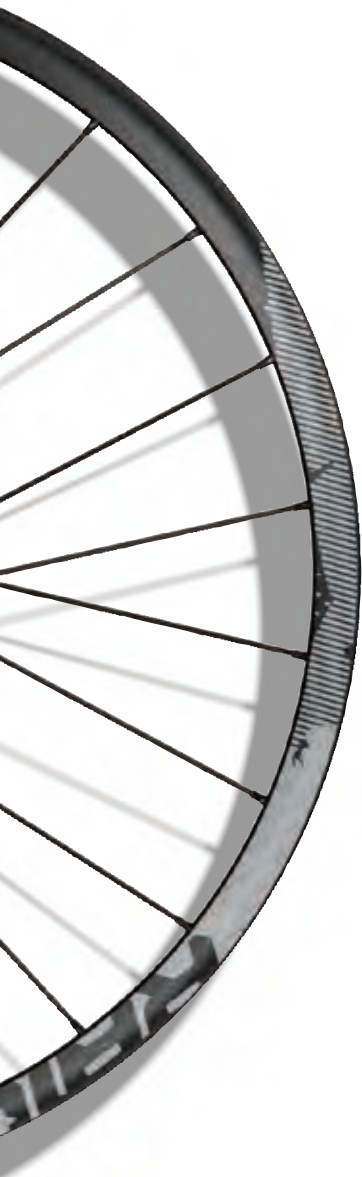






RAIL HARDER

Ready to attack, easy to maneuver. Built for aggressive All-Mountain descents, RAIL wheels balance the strength and stiffness you need with the lightness to climb quickly back to the top.



02



NEW

01

RAIL 50

Available in all three wheel sizes: 26, 27.5 and 29"

Lightweight aluminum rim with asymmetrical TAPER CORE™ profile

Profile: 23mm inside, 28mm outside rim width

UST compatible

Available in XD™ or 9-, 10- and 11-speed driver body

Aluminum nipples with nylon lock ring

SOLO SPOKE™ design with double butted, stiff steel spokes

Durable hub internals with Star Ratchet system

SIDE SWAP™ easy conversion to all axle types

DOUBLE-DECKER™ hub shell design

Technologies: TAPER CORE™, SOLO SPOKE™, SIDE SWAP™, DOUBLE-DECKER™, UST, WIDE ANGLE™

Weight: 1690g (26"), 1750g (27.5"), 1830g (29")

Wheel pair in lightest configuration

02

RAIL 40

Available in 27.5 and 29"

Lightweight but strong aluminum rim, asymmetrical profile with TAPER CORE™ technology. Welded joint

UST Tubeless

Profile: 23mm inside rim width

SOLO SPOKE™ design with double butted, stiff stainless steel spokes

DOUBLE TIME™ ratchet mechanism for durable, quick engagement

Durable, precision-machined SPEEDBALL™ bearings

Convertible axles

Available in XD™ or 9-, 10- and 11-speed driver body

BOOST 110 and 148 compatible

Weight: 1810g (27.5"), 1900g (29")

Wheel pair in lightest configuration



# HUBS



01

## X0 HUB

Versatile hub—light enough for XC, strong enough for gravity

NEW Rear DH option: 12x150 and 12x157

DOUBLE TIME™ ratchet mechanism for durable, quick engagement

SPEEDBALL™ precision cartridge bearings for light, smooth action. No play adjustment needed for simplicity and convenience

3D forged hub shell with SEEKER™ angled flanges for durability and fewer broken spokes

BOOST 110 and 148 options

Convertible to all axle types

Available in XD™ or 9-, 10- and 11-speed driver body

Available in 28, 32 holes and 24 hole staight pull

Weight: 130g (front), 255g (rear)

*Hub weights in lightest configuration*

02

## PREDICTIVE STEERING™ HUB

Dedicated hub interface for the inverted RS-1 fork—creates an unparalleled bond between fork and hub

TORQUE TUBE is an oversized, solid aluminum axle that locks the forks lowers together

Non-convertible

Available for j-bend spokes

Available in 28 or 32 holes

SPEEDBALL™ bearings for smooth and durable rotation

Weight: 165g

*Hub weights in lightest configuration*

03

## X9 HUB

Lightweight-machined to remove excess grams

Precision Cartridge Bearings mean low friction and long life in MTB conditions

Front hub: QR, 15x100 or 20x110

Rear hub: QR, 12x135 or 12x142

Spoke holes: 32

Available in Black Ano or White

Weight: 175g (front), 395g (rear)

*Hub weights in lightest configuration*

04

## X7 HUB

Hub shell: Aluminum—Hi/Lo design, Machined windows on rotor side flange

Spoke holes: 32

Freehub body material: Steel

Our X7 hubs spin on cartridge bearings, providing smoother operation over time

Axle type: Quick Release

Weight: 180g (front), 420g (rear)

*Hub weights in lightest configuration*

05

## MTH 716 FRONT HUB MTH 746 REAR HUB

Hub shell: Aluminum—Hi/Hi design

Spoke holes: 32

Freehub body material: Steel

BOOST 110 and 148 options

All of our 700 level hubs spin on cartridge bearings, providing smoother operation over time

The same proven driver mechanism as used on our X9 thru hubs

Available in XD™ or 9-, 10- and 11-speed driver body

Weight: 170g (front), 360g (rear)

*Hub weights in lightest configuration*





### SRAM X0 DH HUBS

The new SRAM X0 DH hubs are built around strength and durability. Our 52 point ratchet design gives you quick and reliable engagement. The X0 hubs are built with precision machined bearings giving you lower resistance, faster revolutions and no wasted time on drag. The hubs are also convertible to different axle types with removable end caps. From pawl tooth to spoke flanges, we took the extra time on the X0 DH hub so you won't have to.



01





It started nearly two decades ago with the original RockShox BoXXer and our desire to provide completely personalized support to a special group of riders. The goal was to give our team a clear performance advantage in World Cup competition, and to win races. In this relentless pursuit of the podium, no rider request was too crazy or too costly—the average yearly salary of a pro mountain biker wouldn't have covered the manufacturing cost of those gen-1 BoXXers.

It paid off. We won races and wrote some of the most exciting stories in mountain bike history. With our athletes' successes—and failures—we learned what worked, and what didn't. Some of those BlackBox technologies have made it to market.

As the sport evolved, the BlackBox program extended beyond RockShox. Across the SRAM brand family, if it could extend the boundaries of mountain biking, the BlackBox team was there to develop new products and technologies.

When our athletes asked for a different kind of handlebar, TRUVATIV answered with the BooBar, a bar designed to meet the demands of World Cup downhill, as well as the discerning feel of our athletes. And now we're proud to announce the TRUVATIV BlackBox Athlete Series, a collection of bars specifically engineered to match the demands of each signature athlete's discipline and riding style—and to enhance each rider's cockpit interface.



01

01

#### **JEROME CLEMENTZ BLACKBOX BAR**

Carbon fiber  
Width: 750mm  
Rise: 20mm  
7° back-sweep,  
5° up-sweep  
Weight: 240g

02

#### **STEVIE SMITH BLACKBOX BAR**

AL-7050 alloy  
Width: 780mm  
Rise: 30mm  
7° back-sweep,  
5° up-sweep  
Weight: 340g





02



# NOIR

130  
CROSS COUNTRY

## OUT OF THIS WORLD

Years of painstaking design and persistent rider input made manifest. Ideal for XC pros and All-Mountain trailblazers. Best-in-class performance, with not a detail overlooked: Noir bars and seatposts keep you quick, nimble and lighter than the mountain air.



### 01 NOIR T40 RISER BAR

Widths: 640, 700 and 720mm

Rise: 15 and 30mm

9° back-sweep, 5° up-sweep

Colors: Red, Silver and Blue

Also available: Noir T40 flat bar

Weight: 180g

### 02 NOIR T30 RISER BAR

Widths: 680 and 700mm

Rise: 25mm

9° back-sweep, 5° up-sweep

Also available: Noir T30 flat bar and T20 riser bar

Weight: 205g

### 03 NOIR T30 10S FLAT BAR

Width: 700mm

10° back-sweep

Weight: 180g

### 04 NOIR T40 SEATPOST

Titanium hardware

Dual bolt head design

Lengths: 350 and 400mm

Diameters: 27.2, 30.9 and 31.6mm

Clamp offset: 0 and 25mm

Weight: 225g

### 05 NOIR T30 SEATPOST

Dual bolt head design

Lengths: 350 and 400mm

Diameters: 27.2, 30.9 and 31.6mm

Clamp offset: 0 and 25mm

Weight: 235g





## FEATS WITHIN REACH

Redefine XC with components that help you find all kinds of fast. Light for the climbs, responsive for the trails, strong and stiff for whatever else might come your way. Wider bars bring the heightened control you need, and updated graphics keep you looking good in the woods.

05



06



03



04



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01



01

**STYLO T40 10S  
FLAT BAR**

Butted AL-7050

Width: 700mm

Rise: 15 and 25mm

10° back-sweep

Also available: Stylo T40  
flat bar and T40 riser bar

Weight: 270g

02

**STYLO T30 RISER BAR**

Butted AL-66

Width: 700mm

Rise: 20, 30 and 40mm

9° back-sweep,  
5° up-sweepAlso available: Stylo T30  
flat bar, T20 flat bar and  
T20 riser bar

Weight: 282g

03

**STYLO T40 STEM**3D forged AL-7050  
CNC machined for  
weight reductionLightweight 6-4  
titanium boltsLengths: 75, 90, 100, 110,  
120, and 130mmSecure 2 bolt steerer  
tube clampColors: SnoWhite and  
Black Anodized

Weight: 130g

04

**STYLO T30 STEM**Light and strong 3D  
forged AL-7050Secure 2 bolt steerer  
tube clampLengths: 75, 90, 100,  
110, 120, and 130mmAlso available:  
Stylo T20 stem

Weight: 135g

05

**STYLO T40 SEATPOST**

Titanium bolts

3D forged and butted  
AL-7050 shaftLengths: 350 and  
400mmDiameters: 27.2, 30.9  
and 31.6mmClamp offset: 0 and  
25mm

Weight: 260g

06

**STYLO T30 SEATPOST**3D forged and butted  
AL-7050 shaft

Forged seat clamps

Lengths: 350 and  
400mmDiameters: 27.2, 30.9  
and 31.6mmClamp offset:  
0 and 25mmAlso available:  
Stylo T20 seatpost

Weight: 270g

# BOOBAR

## GO WIDE

Our World Cup DH racers kept saying the same thing: Make it wider. The BooBar, available with an outrageous 780mm width, grants that wish. Made from bomb-proof alloy and with race-tested shaping, this is the bar our riders use to shred the world's most extreme DH terrain.

### BOOBAR

Butted AL-7050 TV  
Widths: 740 and 780mm  
Rise: 20 and 30mm  
7° back-sweep,  
5° up-sweep  
Weight: 270g



# HOLZFELLER

## TRUE NORTH

This is the benchmark on the gravity side—components that set the standard for strength and stiffness against which all the rest are measured. We build them for the pros so they can deliver whatever you demand. And probably a little extra, so be careful.



01

### HOLZFELLER RISER BAR

Butted AL-7050  
Width: 730mm  
Rise: 20, 30, 40, and 50mm  
9° back-sweep,  
5° up-sweep  
Colors: Black and  
SnoWhite  
Weight: 317g

02

### HOLZFELLER STEM

Forged AL-66 and  
AL-6066, CNC machined  
for weight reduction  
4 bolt handlebar clamp and  
2 bolt steerer tube  
Lengths: 40, 50 and 60mm  
Steerer clamp diameters:  
1.125 and 1.5in  
Colors: Black Anodized  
and BoXXer Red  
Weight: 190g

03

### HOLZFELLER DIRECT MOUNT STEM

Forged AL-7050  
4 bolt direct mount  
standard  
Lengths: 50 and 60mm  
Colors: Black, SnoWhite  
and BoXXer Red  
Weight: 153g

04

### HOLZFELLER SEATPOST

Greater height adjustment  
Greater tilt adjustment  
3D forged AL-7050 shaft  
Lengths: 250 and 350mm  
Diameters: 27.2, 30.9 and  
31.6mm  
Clamp offset: 0 and 20mm  
Weight: 350g



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01**AKA RISER BAR**

Butted AL-66  
Width: 710mm  
Rise: 25mm  
7° back-sweep,  
5° up-sweep  
Colors: Black and White  
Weight: 264g

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02**AKA STEM**

3D forged 7050 and CNC  
machined for weight  
reduction

4 bolt handlebar clamp  
and 2 bolt steerer clamp

Lengths: 60, 70, 80, 90,  
100, and 110mm

Steerer clamp diameters:  
1.125 and 1.5in

Colors: Black and White

Weight: 170g

—  
03**AKA SEATPOST**

Forged and butted  
7050 shaft

Forged seat clamps

Lengths: 350 and  
400mm

Diameters: 27.2, 30.9  
and 31.6mm

Clamp offset: 0 and  
25mm

Weight: 270g

**STABILITY + STRENGTH**

At the halfway mark between XC lightness and DH heft you'll find AKA. These are go-anywhere, do-anything components for riders who have those two goals in mind. All-Mountain stiffness. All-Mountain strength. All in a stylish, lightweight package.

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03**HUSSEFELT**—  
01**HUSSEFELT RISER BAR**

Butted AL-66  
Width: 700mm  
Rise: 20, 30 and 40mm  
9° back-sweep,  
5° up-sweep  
Colors: SnoWhite and  
Black Anodized  
Also available: Hussefelt  
riser bar comp car  
Weight: 285g

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02**HUSSEFELT STEM**

Forged AL-6061 and bored  
out for weight reduction

4 bolt h-bar clamp  
design and 2 bolt steerer  
tube clamp

Lengths: 40 and 60mm

Steerer clamp diameters:  
1.125in

Colors: SnoWhite and  
Black Anodized

Weight: 203g

—  
03**HUSSEFELT SEATPOST**

Forged AL-6061 shaft

Forged alloy head

Lengths: 250 and 350mm

Diameters: 27.2, 30.9  
and 31.6mm

Clamp offset: 10 and  
20mm

Weight: 271g

**THE REAL DEAL**

Named after the lifting stone in the World's Strongest Man competition, Hussefelt components offer what you probably guessed they do: the ability to take a beating. These are the bars, stems and seatposts for DH and Freeride guys who simply want to unleash, without getting hung up on the prices of the components they're putting to the test.

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## DESCENDANT.

**DESCENDED FROM BLACKBOX**

TRUVATIV's downhill-race specific crank uses the same forged AL-7050 material as in the Freeride and DH Holzfeller, but in a second-shaving 822g package (that's 240g less than the Holzfeller OCT™). When your eye is on the podium, there is no room for compromise—that's why the Descendant comes with the totally revamped GXP® bottom bracket with Gutter Seal Technology™.

**DESCENDANT  
CRANKSET**

Forged AL-7050-T6  
crank arms

Arm lengths: 165, 170  
and 175mm

Bottom brackets:  
73 and 83mm

4mm ring standard:  
38- and 36-tooth

Weight: 822g





## X0 CHAIN GUIDE

MRP replaceable Skid Plate Design. Truss design adds strength while reducing weight

Upper and lower guide including sealed bearing pulley provide full chain retention

Easy Installation. Front-access, single-bolt positioning of upper and lower guide with captive hardware

Lightweight aluminum mounting plate

Low profile installation compatible with wide range of chain lines

Available in BB-Mount, ISCG or ISCG 05 mounting standards

Sizes: 40- to 36-tooth capacity and 36- to 32-tooth capacity

Colors: Black and White

Weight: 168g



The demand for consistency and control in advanced situations is growing at a rapid pace. Staying true to TRUVATIV's continued efforts to offer high performance solutions, we are bringing riders chain management solutions through a collaboration with MRP. The 30-year powerhouse of combined knowledge that TRUVATIV and MRP bring to the table for this segment is undeniable. This partnership perfectly complements our crank and drivetrain options.

## X-GUIDE

Replaceable Skid Plate Design, lightweight chainring protection

Lower guide and new sealed bearing pulley system combined with SRAM front derailleur keeps chains in check

Adjustable; front-access, single-bolt positioning lower guide with captive hardware

Low profile design compatible with SRAM's 2x10 chain line

Available in BB-Mount, ISCG or ISCG 05 mounting standards

Colors: Black and White

Weight: 155g



# X GUIDE

TRUVATIV knows where you need to go with your ride. We know the demands you put on your drivetrain and what it takes for success. Through a collaboration with MRP we've designed the TRUVATIV X-Guide. This is the ultimate 2x10 shiftguide; sleek design, low noise, lightweight, and efficient. Everything you need to get down the mountain.



## ACCESSORIES

## RIDE WITHOUT LIMITS

Go farther, master a new line, or conquer the drop off knowing that SRAM has you covered with accessories for repairs, comfort, and maintenance. Dial in your ride with no excuses.

SHIFT CABLE



HYDRAULIC LINE KIT



DISC BRAKE PADS



CARBON CRANK BOOT



COMFORT GRIPS



LOCKING FOAM GRIPS



AXLE CAPS

QUICKVIEW MTB  
COMPUTER MOUNT

HANDLEBAR END PLUGS

HIGH DIRECT MOUNT FRONT  
DERAILLEUR COVER

JONNISNOT SHIFTER GREASE



SRAM BUTTER





## ACCESSORIES

HEADSET SPACER SET



XD™ DRIVER BODY



CERAMIC BEARING PULLEYS



CABLE HOUSING CUTTER TOOL WITH AWL



PRO BLEED KIT



HYDRAULIC BRAKE FLUID



RIM BRAKE PADS



# AD- DEN- DUM



## PRODUCT OFFERINGS

## DRIVETRAIN PRODUCT OFFERINGS

NEW

139

	CROSS COUNTRY	TRAIL	ENDURO	GRAVITY
\$\$\$\$\$	XX			
		XX1		
\$\$\$\$			X0	
		X01		X01 DH
\$\$\$		X1		
		GX 11-SPEED		
		GX 10-SPEED		
\$		X5		

## HYDRAULIC BRAKE PRODUCT OFFERINGS

NEW

	CROSS COUNTRY	TRAIL	ENDURO	GRAVITY
\$\$\$\$\$	SRAM XX	SRAM GUIDE ULTIMATE		AVID CODE
\$\$\$\$		SRAM GUIDE RSC		
	SRAM X0	SRAM GUIDE RS		AVID CODE R
\$\$\$		SRAM GUIDE R		
\$		SRAM DB5		
		AVID DB3		
		AVID DB1		

## WHEEL PRODUCT OFFERINGS

NEW

	CROSS COUNTRY	TRAIL	ENDURO	GRAVITY
\$\$\$	RISE XX			
		RISE 60	ROAM 60	
\$		ROAM 50	RAIL 50	
		ROAM 40	RAIL 40	
\$		ROAM 30		

## HUB PRODUCT OFFERINGS

	CROSS COUNTRY	TRAIL	ENDURO	GRAVITY
\$\$\$\$\$			X0	
\$\$\$\$		PREDICTIVE STEERING™		
\$\$\$			X9	
\$		MTH 700		
\$	X7			

## SPECIFICATIONS

## SRAM XX1 DRIVETRAIN

	<b>XX1 X-SYNC™ CRANKSET</b>	<b>XX1 X-HORIZON™ REAR DERAILLEUR</b>	<b>XX1 X-ACTUATION™ TRIGGER SHIFTER</b>	<b>XX1 X-ACTUATION™ GRIP SHIFT</b>	<b>XG-1199 X-DOME™ CASSETTE</b>	<b>PC-XX1 HARD CHROME™ CHAIN</b>
VARIANTS	GXP® and BB30: 28, 30, 32, 34, 36, 38	Horizontal Parallelogram design	1x11	1x11	1x11 and 2x11	11-speed
WEIGHTS	546g (24mm spindle, 175mm, 32t direct mount chainring)	245g	110g	140g (includes clamps, cable and JAWS™ lock-on grip).	268g	252g (114 links)
TECHNOLOGIES	X-SYNC™, GXP®, BB30	X-HORIZON™, X-ACTUATION™, X-SYNC™, ROLLER BEARING CLUTCH™, CAGE LOCK™	X-ACTUATION™, ZERO LOSS™, MatchMaker™ X Integrated	X-ACTUATION™, SPEED METAL™, ROLLING THUNDER™, JAWS™	X-DOME™, XD™ DRIVER BODY	X-SYNC™, HARD CHROME™, POWERLOCK™
SPEEDS	1x11	1x11	11-speed	11-speed	11-speed	11-speed
COMPATIBILITY	1x11 X-SYNC™	10-42t cassette	1x11 X-ACTUATION™	1x11 X-ACTUATION™	PC-XX1 chain and XD™ driver body	X-SYNC™, all SRAM 1x11 systems and X01 DH 7-speed
MATERIALS	Carbon composite/aluminum spider; AL-7075-T651 chainrings	Carbon fiber outer cage	Adjustable carbon pull lever and carbon cover	Carbon cover	4130 chromoly steel (cog cluster), AL-7075-T6 (largest cog)	n/a
HARDWARE	AL-7075-T6; TORX T25 and 6mm hex bolts	Titanium	Titanium and aluminum	n/a	n/a	n/a
KEY FEATURES	X-SYNC™ direct mount chainrings	Ceramic bearings	MatchMaker™ X Integrated	Full metal, 11-speed indexing keeps shifting crisp and precise	XD™ driver body attachment to hub	11-speed POWERLOCK™
OPTIONS	170 and 175mm arm lengths; 156 and 168mm Q-factors; Red or Black; BOOST compatible	Red or Black	MatchMaker™ X; Red or Black	n/a	n/a	n/a

## SRAM X01 DRIVETRAIN

	<b>X01 X-SYNC™ CRANKSET</b>	<b>X01 X-HORIZON™ REAR DERAILLEUR</b>	<b>X01 X-ACTUATION™ TRIGGER SHIFTER</b>	<b>X01 X-ACTUATION™ GRIP SHIFT</b>	<b>XG-1195 X-DOME™ CASSETTE</b>	<b>PC-XX1 HARD CHROME™ CHAIN</b>
VARIANTS	GXP® and BB30: 30, 32, 34, 36, 38	Horizontal Parallelogram design	1x11	1x11	1x11 and 2x11	11-speed
WEIGHTS	546g (24mm spindle, 175mm, 32t direct mount chainring)	250g	125g	143g (includes clamps, cable and JAWS™ lock-on grip).	268g	252g (114 links)
TECHNOLOGIES	X-SYNC™, GXP®, BB30	X-HORIZON™, X-ACTUATION™, X-SYNC™, ROLLER BEARING CLUTCH™, CAGE LOCK™	X-ACTUATION™, ZERO LOSS™, MatchMaker™ X Integrated	X-ACTUATION™, SPEED METAL™, ROLLING THUNDER™, JAWS™	X-DOME™, XD™ DRIVER BODY, JET™	X-SYNC™, HARD CHROME™, POWERLOCK™
SPEEDS	1x11	1x11	11-speed	11-speed	11-speed	11-speed
COMPATIBILITY	1x11 X-SYNC™	10-42t cassette	1x11 X-ACTUATION™	1x11 X-ACTUATION™	PC-XX1 chain and XD™ driver body	X-SYNC™, all SRAM 1x11 systems and X01 DH 7-speed
MATERIALS	Carbon composite/aluminum spider; AL-7075-T651 chainrings	Carbon fiber outer cage	Adjustable forged aluminum pull lever and aluminum cover	Aluminum cover	4130 chromoly steel (cog cluster), AL-7075-T6 (largest cog)	n/a
HARDWARE	AL-7075-T6; TORX T25 and 6mm hex bolts	Stainless steel	Aluminum, stainless	n/a	n/a	n/a
KEY FEATURES	Carbon guard option, X-SYNC™ direct mount chainrings	Cartridge bearings	MatchMaker™ X Integrated	Full metal, 11-speed indexing keeps shifting crisp and precise	XD™ driver body attachment to hub	11-speed POWERLOCK™
OPTIONS	170 and 175mm arm lengths; Red or Black; BOOST compatible	Red or Black	MatchMaker™ X; Red or Black	Red or Black	n/a	n/a



## SRAM X01 DH DRIVETRAIN

	<b>X01 DH X-SYNC™ CRANKSET</b>	<b>X01 DH X-HORIZON™ REAR DERAILLEUR</b>	<b>X01 DH X-ACTUATION™ TRIGGER SHIFTER</b>	<b>XG-795 MINI BLOCK™ CASSETTE</b>	<b>PC-XX1 HARD CHROME™ CHAIN</b>
VARIANTS	GXP® and BB30: 30, 32, 34, 36, 38	Horizontal Parallelogram design	7-speed	1x7	11-speed
WEIGHTS	655g (24mm spindle, 165mm, 36t)	257g (short cage), 263g (medium cage)	125g	136g	252g (114 links)
TECHNOLOGIES	X-SYNC™, GXP®, BB30	X-HORIZON™, X-ACTUATION™ (7-speed), EXACT ACTUATION™ (10-speed), X-SYNC™, ROLLER BEARING CLUTCH™, CAGE LOCK™	X-ACTUATION™, ZERO LOSS™, MatchMaker™ X Integrated	MINI BLOCK™, X-DOME™, XD™ DRIVER BODY, JET™	X-SYNC™, HARD CHROME™, POWERLOCK™
SPEEDS	1x7 and 1x10	1x7 and 1x10	7-speed	7-speed	11-speed
COMPATIBILITY	7- and 10-speed X-SYNC™	X-ACTUATION™ (7-speed) and EXACT ACTUATION™ (10-speed)	X-ACTUATION™	PC-XX1 chain and XD™ driver body	X-SYNC™, all SRAM 1x11 systems and X01 DH 7-speed
MATERIALS	Carbon composite/aluminum spider; AL-7075-T651 chainrings	Aluminum outer cage	Adjustable forged aluminum pull lever and aluminum cover	4130 chromoly steel cogs, AL-7075-T6 backing plate	n/a
HARDWARE	AL-7075-T6; TORX T25 and 6mm hex bolts	Stainless steel	Aluminum, stainless	n/a	n/a
KEY FEATURES	Carbon guard option	Cartridge bearings	MatchMaker™ X Integrated	XD™ driver body attachment to hub	11-speed POWERLOCK™
OPTIONS	165, 170 and 175mm arm lengths; Red or Black	7- and 10-speed; Red or Black	MatchMaker™ X; Red or Black	n/a	n/a

## SRAM X1 DRIVETRAIN

	<b>X1-1400 X-SYNC™ CRANKSET</b>	<b>X1-1200 X-SYNC™ CRANKSET</b>	<b>X1-1000 X-SYNC™ CRANKSET</b>	<b>X1 X-HORIZON™ REAR DERAILLEUR</b>	<b>X1 X-ACTUATION™ TRIGGER SHIFTER</b>	<b>XG-1180 MINI CLUSTER™ CASSETTE</b>	<b>PC-X1 CHAIN</b>
VARIANTS	GXP® and BB30: 30, 32, 34, 36, 38	GXP® and BB30: 30, 32, 34, 36, 38	GXP® and BB30: 30, 32, 34, 36, 38	Horizontal Parallelogram design	11-speed	1x11 and 2x11	11-speed
WEIGHTS	680g (24mm spindle, 175mm, 32t)	705g (24mm spindle, 175mm, 32t)	745g (24mm spindle, 175mm, 32t)	256g	121g	315g	258g (114 links)
TECHNOLOGIES	X-SYNC™, GXP®, BB30	X-SYNC™, GXP®, BB30	X-SYNC™, GXP®, BB30	X-HORIZON™, X-ACTUATION™, X-SYNC™, ROLLER BEARING CLUTCH™, CAGE LOCK™	X-ACTUATION™, ZERO LOSS™, Matchmaker™ X Integrated	MINI CLUSTER™, XD™ DRIVER BODY, X-GLIDE™, JET™	X-SYNC™, POWERLOCK™
SPEEDS	1x11	1x11	1x11	1x11	11-speed	11-speed	11-speed
COMPATIBILITY	11-speed X-SYNC™	11-speed X-SYNC™	11-speed X-SYNC™	X-ACTUATION™	X-ACTUATION™	XX1 and X1 chains; XD™ driver body	X-SYNC™, all SRAM 1x11 systems and X01 DH 7-speed
MATERIALS	Hollow forged aluminum	7000 series forged aluminum	6000 series forged aluminum	Aluminum cage	Forged aluminum pull lever and aluminum cover	Machined steel with JET™ finish, alloy 42-tooth cog	n/a
HARDWARE	n/a	n/a	n/a	n/a	n/a	n/a	n/a
KEY FEATURES	Chainring guard option	n/a	n/a	Sealed cartridge bearings	MatchMaker™ X Integrated	XD™ driver body attachment to hub	11-speed POWERLOCK™
OPTIONS	170 and 175mm arm lengths; BOOST compatible	170 and 175mm arm lengths	170 and 175mm arm lengths	n/a	MatchMaker™ X	n/a	n/a

## SPECIFICATIONS

## SRAM GX 1x DRIVETRAIN

	<b>GX-1400 1x X-SYNC™ CRANKSET</b>	<b>GX-1000 1x X-SYNC™ CRANKSET</b>	<b>GX 1x11 X-HORIZON™ REAR DERAILLEUR</b>	<b>GX 11-SPEED X-ACTUATION™ TRIGGER SHIFTER</b>	<b>GX 11-SPEED X-ACTUATION™ GRIP SHIFT</b>
VARIANTS	GXP® and BB30: 30, 32, 34, 36, 38	GXP® and BB30: 30, 32, 34, 36, 38	Horizontal Parallelogram design	1x11	11-speed
WEIGHTS	680g (24mm spindle, 175mm, 32t)	720g (24mm spindle, 175mm, 32t)	265g	122g	144g (includes clamps, cable and JAWS™ lock-on grip)
TECHNOLOGIES	X-SYNC™, Open Core Technology (OCT™), GXP®, BB30	X-SYNC™, GXP®, BB30	X-HORIZON™, X-ACTUATION™, X-SYNC™, ROLLER BEARING CLUTCH™, CAGE LOCK™	X-ACTUATION™, Matchmaker™ X Integrated	X-ACTUATION™, SPEED METAL™, ROLLING THUNDER™, JAWS™
SPEEDS	1x11	1x11	1x11	11-speed	11-speed
COMPATIBILITY	1x11 X-SYNC™	1x11 X-SYNC™	10-42t cassette	1x11 X-ACTUATION™	1x11 X-ACTUATION™
MATERIALS	Hollow Forged Aluminum crank arms and CNC machined 7075, two-tone anodized X-SYNC™ chainring	6000 Series Aluminum crank arms and CNC machined 7075, two-tone anodized X-SYNC™ chainrings	Aluminum cage	Aluminum pull lever	n/a
HARDWARE	Aluminum	Aluminum	n/a	Stainless steel	Composite cover
KEY FEATURES	X-SYNC™, hollow forged crank arm and forged spider,	X-SYNC™	Sealed cartridge bearings	MatchMaker™ X Integrated,	Full metal, 11-speed indexing keeps shifting crisp and precise
OPTIONS	170 and 175mm arm lengths; Red or Black; BOOST compatible	170 and 175mm arm lengths; Red or Black; BOOST compatible	Red or Black	Red or Black	Red or Black
	<b>XG-1150 FULL PIN™ CASSETTE</b>	<b>PC-X1 CHAIN</b>			
VARIANTS	1x11 and 2x11	11-speed			
WEIGHTS	394g	258g (114 links)			
TECHNOLOGIES	FULL PIN™, XD™ DRIVER BODY, JET™	X-SYNC™, POWERLOCK™			
SPEEDS	11-speed	11-speed			
COMPATIBILITY	XX1, X1 and 1130 chains; XD™ driver body	X-SYNC™, all SRAM 1x11 systems and X01 DH 7-speed			
MATERIALS	Eleven lightweight, stamped steel cogs held together with 123 high-strength stainless steel pins	n/a			
HARDWARE	n/a	n/a			
KEY FEATURES	XD™ driver body attachment to hub	11-speed POWERLOCK™			
OPTIONS	n/a	n/a			



## SRAM GX 2x11 DRIVETRAIN

	<b>GX-1400 2x11 X-GLIDE™ CRANKSET</b>	<b>GX-1000 2x11 X-GLIDE™ CRANKSET</b>	<b>GX 11-SPEED FRONT DERAILLEUR</b>	<b>GX 2x11 REAR DERAILLEUR</b>	<b>GX 2x11 X-ACTUATION™ TRIGGER SHIFTERS</b>
VARIANTS	GXP® and BB30: 36-24t	GXP® and BB30: 36-24t	Low direct mount, high direct mount, low clamp, and high clamp	Medium and long cages	2x11
WEIGHTS	727g (24mm spindle, 175mm, 36-24t)	774g (24mm spindle, 175mm, 36-24t)	123-153g	289g (long cage), 286g (short cage)	242g (per pair)
TECHNOLOGIES	Open Core Technology (OCT™), X-GLIDE™, GXP®, BB30	X-GLIDE™, GXP®, BB30	X-ACTUATION™, X-GLIDE™	X-ACTUATION™, ROLLER BEARING CLUTCH™, CAGE LOCK™	X-ACTUATION™, Matchmaker™ X Integrated
SPEEDS	2x11	2x11	2x11	2x11	2x11
COMPATIBILITY	SRAM 11-speed X-GLIDE™	SRAM 11-speed X-GLIDE™	SRAM 2x11 X-GLIDE™ shifters and components	10-42t cassette	SRAM 11-speed X-ACTUATION™ ratio RD and FD
MATERIALS	Hollow Forged Aluminum crank arms and AL-7075-T651 chainrings	6000 Series Aluminum crank arms and AL-7075-T651 chainrings	Aluminum body and steel cage	Aluminum cage	Aluminum pull lever
HARDWARE	Aluminum	Aluminum	Steel	n/a	Stainless steel
KEY FEATURES	Hollow forged crank arm and forged spider	Chainring guard option	Mounting options for most existing bike frames,	Sealed cartridge bearings	MatchMaker™ X Integrated
OPTIONS	170 and 175mm arm lengths; Red or Black; BOOST compatible	170 and 175mm arm lengths	High and low clamp, high and low direct mount, top, bottom, and dual pull	Red or Black	Red or Black

	<b>GX 2X11 X-ACTUATION™ GRIP SHIFT</b>	<b>XG-1150 FULL PIN™ CASSETTE</b>	<b>PC-X1 CHAIN</b>	<b>PC-1130 CHAIN</b>
VARIANTS	2x11	1x11 and 2x11	11-speed	11-speed
WEIGHTS	286g (includes clamps, cable and JAWS™ lock-on grips)	394g	258g (114 links)	259g (114 links)
TECHNOLOGIES	X-ACTUATION™, SPEED METAL™, ROLLING THUNDER™, JAWS™	FULL PIN™, XD™ DRIVER BODY, JET™	X-SYNC™, POWERLOCK™	POWERLOCK™
SPEEDS	2x11	11-speed	11-speed	11-speed
COMPATIBILITY	SRAM 11-speed X-ACTUATION™ ratio RD and FD	XX1, X1 and 1130 chains; XD™ driver body	X-SYNC™, all SRAM 1x11 systems and X01 DH 7-speed	All SRAM 2x11 systems
MATERIALS	Aluminum pull lever	Eleven lightweight, stamped steel cogs held together with 123 high-strength stainless steel pins	n/a	Chrome hardened pins
HARDWARE	Composite cover	n/a	n/a	n/a
KEY FEATURES	Full metal, 11-speed indexing keeps shifting crisp and precise	XD™ driver body attachment to hub	11-speed POWERLOCK™	11-speed POWERLOCK™
OPTIONS	Red or Black	n/a	n/a	n/a

## SPECIFICATIONS

## SRAM GX 2x10 DRIVETRAIN

	<b>GX-1200 2X10 X-GLIDE™ CRANKSET</b>	<b>GX-1000 2X10 X-GLIDE™ CRANKSET</b>	<b>GX 10-SPEED FRONT DERAILLEUR</b>	<b>GX 2X10 REAR DERAILLEUR</b>	<b>GX 2X10 EXACT ACTUATION™ TRIGGER SHIFTERS</b>
<b>VARIANTS</b>	GXP® and BB30; 34-22t, 36-22t, 38-24t	GXP® and BB30; 36-22t, 38-24t, and 34-22t (fatbike crank)	Low direct mount, high direct mount, low clamp, and high clamp	Short, medium, and long cages	2x10
<b>WEIGHTS</b>	779g (24mm spindle, 175mm, 36-22t)	799g (24mm spindle, 175mm, 36-22t)	134-161g	302g (long cage with ROLLER BEARING CLUTCH™)	246g (per pair)
<b>TECHNOLOGIES</b>	X-GLIDE™, GXP®, BB30	X-GLIDE™, GXP®, BB30	EXACT ACTUATION™, X-GLIDE™	EXACT ACTUATION™, DIRECT ROUTE™, ROLLER BEARING CLUTCH™, CAGE LOCK™	EXACT ACTUATION™, Matchmaker™ X Integrated
<b>SPEEDS</b>	2x10	2x10	2x10	2x10	2x10
<b>COMPATIBILITY</b>	SRAM X-GLIDE™ 2x10	SRAM X-GLIDE™ 2x10	SRAM 2x10 EXACT ACTUATION™ shifters and components	10-speed EXACT ACTUATION™ only, up to 36-tooth cog	SRAM 10-speed EXACT ACTUATION™ rear, 2-speed X-GLIDE™ front
<b>MATERIALS</b>	7000 Series Aluminum crank arms and AL-7075-T651 chainrings	6000 Series Aluminum crank arms and AL-7075-T651 chainrings	Aluminum body and steel cage	Aluminum cage	Aluminum pull lever
<b>HARDWARE</b>	Steel	Steel	Steel	n/a	Stainless steel
<b>KEY FEATURES</b>	Chainring guard option	Chainring guard option	Mounting options for most existing bike frames, X-GLIDE™ shift technology	Sealed cartridge bearings	MatchMaker™ X Integrated
<b>OPTIONS</b>	170 and 175mm arm lengths, BOOST compatible	170 and 175mm arm lengths, BOOST compatible	High and low clamp, high and low direct mount, top, bottom, and dual pull	ROLLER BEARING CLUTCH™ and CAGE LOCK™	n/a
	<b>PG-1150 CASSETTE</b>	<b>PG-1030 CASSETTE</b>	<b>PC-X1 CHAIN</b>	<b>PC-1130 CHAIN</b>	
<b>VARIANTS</b>	11-23t, 11-25t, 11-26t, 11-28t, 11-32t, 11-36t, and 12-36t	11-36t	10-speed	10-speed	
<b>WEIGHTS</b>	299g (11-32t)	395g	272g (114 links)	272g (114 links)	
<b>TECHNOLOGIES</b>	POWERGLIDE II™	POWERGLIDE II™	10-speed POWERLOCK™	10-speed POWERLOCK™	
<b>SPEEDS</b>	10-speed	10-speed	10-speed	10-speed	
<b>COMPATIBILITY</b>	n/a	n/a	n/a	n/a	
<b>MATERIALS</b>	Aluminum spider with steel cogs	Aluminum spider with steel cogs	n/a	n/a	
<b>HARDWARE</b>	Steel locking	Steel locking	n/a	n/a	
<b>KEY FEATURES</b>	n/a	n/a	10-speed POWERLOCK™	10-speed POWERLOCK™	
<b>OPTIONS</b>	n/a	n/a	n/a	n/a	



## SRAM XX DRIVETRAIN

	XX CRANKSET	XX FRONT DERAILLEUR	XX REAR DERAILLEUR	XX GRIP SHIFT	XX TRIGGER SHIFTERS	MATCHMAKER X [MMX]
VARIANTS	GXP® and BB30: 39-26t and 42-28t	Direct mount, low clamp and high clamp	Medium and long cages	2x10	2x10	n/a
WEIGHTS	754g (24mm spindle, 175mm, 39-26t, with GXP® bottom bracket)	116g (direct mount), 118g (low clamp) and 120g (high clamp)	181g	287g (includes clamps, cable and JAWS™ lock-on grips)	183g (per pair)	n/a
TECHNOLOGIES	X-GLIDE™, GXP®, BB30	EXACT ACTUATION™, X-GLIDE™	EXACT ACTUATION™, DIRECT ROUTE™	EXACT ACTUATION™, SPEED METAL™, ROLLING THUNDER™, JAWS™	EXACT ACTUATION™, ZERO LOSS™	n/a
SPEEDS	2x10	2x10	2x10	2x10	2x10	n/a
COMPATIBILITY	SRAM 10-speed chains	66-69° Seatstay angle 15t max chainring difference / 45t max chainring size	10-speed EXACT ACTUATION™ only, up to 36-tooth cog	XX 2x10 or any EXACT ACTUATION™ ratio RD and FD (incl. Rival, Force, RED)	XX 2x10 or any EXACT ACTUATION™ ratio RD and FD (incl. Rival, Force, RED) and MatchMaker™ X	Guide/XX/X0/DB brakes, XX/X0/GX/X9/X7 triggers; integrated with XLoc
MATERIALS	Carbon composite/ aluminum spider and AL-7075-T651 chainrings	Steel and Forged AL-6061-T6	Carbon fiber, composite, titanium, and forged magnesium	Carbon cover	Carbon fiber and composite	AL-6061-T6
HARDWARE	AL-7075-T6, TORX® T25 and 6mm hex bolts	AL-7075-T6 and titanium, TORX® T25 bolts	AL-7075-T6 and titanium; TORX® T25 bolts	n/a	AL-7075-T6 and stainless steel; TORX® T25 bolts	Titanium TORX® T25 bolts
KEY FEATURES	120/80 BCD; 6mm thick chainring	Designed for 2x10	Titanium spring, sealed ceramic pulley bearings; 93mm cage length	Full metal, 10-speed indexing keeps shifting crisp and precise	Lever blade adjustable	Ambidextrous mounting adjustability and clean cockpit
OPTIONS	170 and 175mm arm lengths; 156 and 166mm Q-factors (GXP); 156 and 164mm Q-factors (BB30)	31.8, 34.9 and 38.2mm clamp sizes; top or bottom pull	n/a	n/a	MatchMaker™ X	Shifter + brake or shifter + brake + XLoc

## SRAM X0 DRIVETRAIN

	X0 CRANKSET	X0 FRONT DERAILLEUR	X0 REAR DERAILLEUR	X0 GRIP SHIFT	X0 TRIGGER SHIFTERS	MATCHMAKER X [MMX]
VARIANTS	GXP® and BB30: 2x10: 34-22t, 36-22t, 38-24t, 39-26t, 42-28t; 3x10: 44-33-22t	2x10, 3x10, low direct mount, high direct mount, low clamp, and high clamp	Short, medium and long cages	2x10 and 3x10	n/a	n/a
WEIGHTS	774g (24mm spindle, 175mm, 38-24t, with GXP® bottom bracket)	130g	203g, 235g (with ROLLER BEARING CLUTCH™)	287g (includes clamps, cable and JAWS™ lock-on grips)	232g (per pair)	n/a
TECHNOLOGIES	X-GLIDE™, GXP®, BB30	X-GLIDE™, EXACT ACTUATION™	EXACT ACTUATION™, ROLLER BEARING CLUTCH™, CAGE LOCK™	EXACT ACTUATION™, SPEED METAL™, ROLLING THUNDER™, JAWS™	EXACT ACTUATION™, ZERO LOSS™, MatchMaker™ X Integrated	n/a
SPEEDS	2x10 and 3x10	2x10 and 3x10	10-speed	2x10, 3x10	2x10 and 3x10	n/a
COMPATIBILITY	SRAM X-GLIDE™ 2x10 and 3x10	SRAM X-GLIDE™ 2x10 or 3x10 shifters and components	10-speed EXACT ACTUATION™ only, up to 36-tooth cog	2x10, 3x10 or any EXACT ACTUATION™ ratio RD and FD (incl. Rival, Force, RED)	2x10, 3x10 or any EXACT ACTUATION™ ratio RD and FD (incl. Rival, Force, RED), MatchMaker™ X	Guide/XX/X0/DB brakes, XX/X0/GX/X9/X7 triggers; integrated with XLoc
MATERIALS	Carbon fiber composite with forged aluminum spider, AL-7075 CNC machined chainrings	Forged aluminum, stainless, and high strength steel	Forged alloy, composite carbon fiber, titanium, and stainless steel	Aluminum cover	Aluminum and composite	AL-6061-T6
HARDWARE	Aluminum	Stainless steel	Stainless / alloy	Stainless steel and titanium	Stainless TORX® T25 bolts	Stainless TORX® T25 bolts
KEY FEATURES	High strength and stiffness	Mounting options for most existing bike frames	Carbon outer cage, new limit screw and outer link design, 36-tooth compatible	Full metal, 10-speed indexing keeps shifting crisp and precise	Lever blade adjustable	Ambidextrous mounting adjustability and clean cockpit
OPTIONS	170 and 175mm arm lengths; Red, Silver or Black	n/a	Red, Silver or Black; ROLLER BEARING CLUTCH™ and CAGE LOCK™	Red or Silver	Red or Silver	Shifter + brake or shifter + brake + XLoc

# SPECIFICATIONS

## SRAM X5 DRIVETRAIN

	X5 CRANKSET	X5 FRONT DERAILEUR	X5 REAR DERAILEUR	X5 TRIGGER SHIFTERS
VARIANTS	GXP® and BB30; 2x10: 34-22t, 36-22t, 38-24t, 39-26t, 42-28t; 3x10: 44-33-22t; 3x9: 44-32-22t; 100mm axle: 34-22t, 36-22t	High clamp and low clamp	Medium and long cages	Front: 2x and 3x Rear: 10- and 9-speed
WEIGHTS	921g (24mm spindle, 175mm, 38-24t, with GXP® bottom bracket)	179g	295g	250g (per pair)
TECHNOLOGIES	1:1® ACTUATION, X-GLIDE™, GXP®, BB30	X-GLIDE™	EXACT ACTUATION™ (10-speed), 1:1® ACTUATION (9-speed), MatchMaker™ Compatible	EXACT ACTUATION™ (10-speed), 1:1® ACTUATION (9-speed), ZERO LOSS™, MatchMaker™ Compatible
SPEEDS	2x10, 3x10 and 3x9	2x10, 3x10 and 3x9	10- and 9-speed	2x10, 3x10 and 3x9
COMPATIBILITY	Performance optimized with SRAM chains	SRAM double and triple front shifters	10-speed EXACT ACTUATION™ and 9-speed 1:1® ACTUATION shifters	10-speed EXACT ACTUATION™ rear derailleurs; SRAM double and triple front derailleurs
MATERIALS	AL-6061 crank arms and AL-7075 chainrings; S1400: hollow forged AL-6066 crank arms and AL-7075 chainrings	Steel cage and forged AL-6061 clamp	Alloy B-Knuckle, alloy links and high strength grilon composite P-Knuckle	Aluminum composite components
HARDWARE	Aluminum, 5 and 8mm hex	Stainless steel	AL-7075 B-Bolt, 5mm Hex	Stainless steel, 5mm hex
KEY FEATURES	X-GLIDE™	Top and bottom pull	Aluminum cage	10-speed EXACT ACTUATION™, 9-speed 1:1® ACTUATION and Impulse Technology
OPTIONS	170 and 175mm arm lengths	31.8 or 34.9mm, high or low clamp sizes	10-speed EXACT ACTUATION™ or 9-speed 1:1® ACTUATION	MatchMaker™ Compatible

## CHAIN (10-SPEED)

	PC-1091R	PC-1091	PC-1071	PC-1051	PC-1031
VARIANTS	10-speed	10-speed	10-speed	10-speed	10-speed
WEIGHTS	251g (114 links)	260g (114 links)	260g (114 links)	272g (114 links)	272g (114 links)
TECHNOLOGIES	10-speed POWERLOCK™	10-speed POWERLOCK™	10-speed POWERLOCK™	10-speed POWERLOCK™	10-speed POWERLOCK™

## CASSETTES (10-SPEED)

	XG-1099	XG-1080	PG-1070	PG-1050	PG-1030
VARIANTS	11-32t and 11-36t	11-36t	11-32t, 12-32t, 11-36t, and 12-36t	11-23t, 11-25t, 11-26t, 11-28t, 11-32t, 11-36t, and 12-36t	11-36t
WEIGHTS	185g (11-32t), 208g (11-36t)	239g (11-36t)	360g (12-36t)	299g	395g
TECHNOLOGIES	X-DOME™, X-GLIDE™	X-GLIDE™	PowerGlide II™	PowerGlide II™	PowerGlide II™
SPEEDS	10-speed	10-speed	10-speed	10- and 9-speed	10- and 9-speed
MATERIALS	4130 chromoly steel (cog cluster), AL-7075-T6 (largest cog)	4130 chromoly steel (cog cluster), AL-7075-T6 (largest cog)	Aluminum spider with steel cogs	Aluminum spider with steel cogs	Aluminum spider with steel cogs
HARDWARE	AL-7075-T6 locking	Aluminum locking	Aluminum locking	Steel locking	Steel locking

## BOTTOM BRACKETS

	GXP®	PRESSFIT GXP®	BB 30 MTB	PRESSFIT 30
WEIGHTS	102g (Ceramic), 106g (Team), 107g (XR)	93g (Ceramic), 94g (Standard)	56g (Ceramic), 64g (Standard)	81g (Standard)
OPTIONS	Ceramic / Team / XR / GXP100	DH 104.5/107mm, Fatbike 121mm	n/a	n/a
BB SHELL	68 / 73 / 83/ 100mm	89.5/92mm, DH 104.5/107mm, Fatbike 121mm	73 / 83mm	73 / 83mm
CUP THREADS	1.37"x24tpi (English) and 36mmx24tpi (Italian)	n/a	n/a	n/a
CHAINLINE	49 / 51 MTB	49 / 51 MTB	49 / 51 MTB	49 / 51 MTB
SPACER	1 / 1	n/a	1 DS	1 DS



## SRAM GUIDE BRAKES

	GUIDE ULTIMATE	GUIDE RSC	GUIDE RS	GUIDE R
WEIGHTS	360g	375g	380g	375g
TECHNOLOGIES	SwingLink™, Expandable Bladder, Timing Port Closure, Lever Pivot Bearings, Bleeding Edge, Heat Shield	SwingLink™, Pure Bladder™, Timing Port Closure, Lever Pivot Bearings	SwingLink™, Pure Bladder™, Timing Port Closure	DirectLink™, Pure Bladder™, Timing Port Closure
COMPATIBILITY	MatchMaker™ X	MatchMaker™ X	MatchMaker™ X	MatchMaker™ X
CALIPER	S4 Caliper	Guide 4-piston caliper	Guide 4-piston caliper	Guide 4-piston caliper
KEY FEATURES	Carbon lever blade, Contact Point Adjust, Titanium hardware, Tool-free Reach Adjust	Contact Point Adjust, Tool-free Reach Adjust	Tool-free Reach Adjust	Tool-free Reach Adjust
COLORS	Arctic Gray Ano or Black Ano	Polished Silver Ano or Black Ano	Black	Black

## SRAM XX AND X0 BRAKES

	XX	X0
WEIGHTS	290g	310g
INTENDED USES	XC	XC/TR
COLORS	Obsidian Black	Silver and Red
ROTOR SIZES	CenterLine X: 140, 160 and 180mm	CenterLine X: 140, 160, 170, 180, and 200mm
TAPERBORE TECHNOLOGY™	Yes	Yes
PAD TYPE	Organic, top loading with aluminum backing plate	Organic, top loading with aluminum backing plate
FLUID TYPE	DOT 5.1	DOT 5.1
CARBON FIBER LEVER BLADE	Yes	Yes
CONTACT POINT ADJUSTMENT	n/a	n/a
CLAMP DESIGN / MATCHMAKER COMPATIBILITY	Split clamp / MatchMaker™ X Compatible	Split clamp / MatchMaker™ X Compatible
POWER RESERVE GEOMETRY	Yes	Yes
REACH ADJUSTMENT	3mm hex (tooled)	3mm hex (tooled)
AMBIDEXTROUS	Yes	Yes
ADDITIONAL FEATURES	Ti Torx bolts, 2-piston, 2-piece caliper, and Banjo Adjust	Ti Torx Bolts, 2-piston, 2-piece caliper and Banjo Adjust

## SRAM DB BRAKES

	DB5
WEIGHT	390g
TECHNOLOGIES	Directlink™, Pure Bladder™, Timing Port Closure
COMPATIBILITY	MatchMaker™ X
CALIPER	2-Piston caliper
KEY FEATURES	Tooled Reach Adjust
COLORS	Gloss Black or White

# SPECIFICATIONS

## AVID HYDRAULIC DISC BRAKES

	CODE	CODE R	DB3	DB1
WEIGHTS	410g	395g	451g	455g
LEVER MATERIAL	Aluminum lever, 3-cartridge bearing lever pivot	Aluminum lever, 3-cartridge bearing lever pivot	Aluminum	Aluminum
CALIPER DESIGN	4-Piston, dual-diameter, forged 2-piece	4-Piston, dual-diameter, forged 2-piece	2 Piston, cast 2-piece aluminum	2 Piston, cast 2-piece aluminum
FINISH	Graphite grey, lever: aluminum	Graphite grey, lever: aluminum	Black or white	Black
ROTOR	CenterLine 160/170/180/200mm	CenterLine 160/170/180/200mm	G2 Cleansweep 160/180/200mm	G2 Cleansweep 160/180/200mm
PAD	Organic, top-loading	Organic, top-loading	Organic, top loading	Organic, top loading
FLUID	DOT 5.1	DOT 5.1	DOT 5.1	DOT 4
MOUNT	Ambidextrous	Ambidextrous	Ambidextrous	Ambidextrous
ADJUSTMENT	Tool-free reach adjustment, adjustable banjo, Tri-Align™ caliper positioning	Tool-free reach adjustment, adjustable banjo, Tri-Align caliper positioning	Reach adjust	Reach adjust
INTENDED USE	EN/GR	EN/GR	XC/TR	XC/TR
SPECIAL FEATURES	Taperbore Technology™, Reversible, Break-Away Lever, Split Clamp, MatchMaker™ X Compatible	Taperbore Technology™, Reversible, Break-Away Lever, Split Clamp, MatchMaker™ X Compatible	Power Reserve Geometry™	Power Reserve Geometry™

## AVID MECHANICAL DISC BRAKES

	BB7 MOUNTAIN S	BB7 MOUNTAIN	BB5 MOUNTAIN
WEIGHTS	327g	333g	312g
INTENDED USE	XC, TR and EN	XC, TR and EN	XC, TR and EN
COLORS	Black Anodized	Graphite Grey	Satin Black
TRI-ALIGN™ CALIPER POSITIONING SYSTEM™	Yes	Yes	Yes
SINTERED PAD	Yes	Yes	Yes
2-PIECE CALIPER DESIGN	Yes	Yes	n/a
MONOBLOCK CALIPER DESIGN	n/a	n/a	Yes
MOUNTAIN LEVER COMPATIBILITY	Yes	Yes	Yes
ROAD LEVER COMPATIBILITY	n/a	n/a	n/a
DUAL KNOB PAD ADJUSTMENT	Yes	Yes	n/a
INBOARD KNOB PAD ADJUSTMENT	n/a	n/a	Yes
TOOL-FREE PAD REPLACEMENT	Yes	Yes	Yes

## AVID RIM BRAKES

	SINGLE DIGIT SL	SINGLE DIGIT 7	SINGLE DIGIT 5	SHORTY ULTIMATE	SHORTY 6	SHORTY 4
WEIGHTS	165g	185g	185g	115g	157g	157g
COLORS	Aero Silver	Graphite Grey	Black	Black or Zephyr Grey Anodized	Mercury Silver or Rival Black	Black
STAINLESS HARDWARE	Yes	Yes	Yes	Yes	Yes	n/a
PIVOT SLEEVE	Yes	Yes	Yes	Yes	Yes	Yes
PADS	RW2	RW2	20R 1-piece	Standard road	Standard road	1-piece road
LEVER COMPATIBILITY	Mountain style lever	Mountain style lever	Mountain style lever	Road style lever	Road style lever	Road style lever

## AVID LEVERS

	SPEED DIAL SL	SPEED DIAL 7
WEIGHTS	150g	175g
COLORS	Aero Silver	Graphite Grey body and Black lever blade
BEND ZONE	Yes	Yes
QWIK-ADJUST BARREL ADJUSTER	Yes	Yes
AMBIDEXTRIOUS	Yes	Yes
SPECIAL FEATURES	Magnesium, reversible lever	Aluminum, reversible lever



## SRAM RISE WHEELS

	RISE XX	RISE 60
WEIGHTS	FRONT	29" - 583g
	FRONT PREDICTIVE STEERING	29" - 623g (PS)
	REAR	29" - 702g
	PAIR	29" - 1285g
RIM	MATERIAL	Unidirectional and woven carbon fiber and high impact resin
	PROFILE	Symmetrical
	FINISH	UD fiber, bake-on decals, matte clear coat
	HEIGHT	30mm
	INTERNAL WIDTH	n/a
	EXTERNAL WIDTH	25mm
	JOINT	n/a
	DRILLING	Standard
	TYPE	Sapim CX-Ray—straight pull
	MATERIAL	Stainless steel
SPOKE	SECTION	Double butted 2.0 / 1.5 / 2.0
	SHAPE	Oval
	FINISH	Black chrome
	COUNT FRONT AND REAR	24
	SPOKE LENGTH COUNT	2
	LACING FRONT AND REAR	2 cross
	HUB RETENTION	Drilled holes
	MATERIAL	Aluminum
	TYPE	External
	FINISH	Black Ano
NIPPLES	ANTI-ROTATION	Nylon thread locker
	HUB SHELL MATERIAL	Aluminum
	HUB SHELL FINISH	Dual Tone: Black Ano, second machining and Arctic Grey Ano
	AXLE MATERIAL	Tapered aluminum
	BEARING TYPE	SPEEDBALL™ CERAMIC cartridge 2RS
	BEARING QUANTITY	2 (front) and 4 (rear)
	DRIVER BODY MATERIAL	Aluminum
	DRIVER MECHANISM / TYPE	DOUBLE TIME™—4 pawls
	SPRINGS	Individual leaf springs
	ENGAGEMENT POINTS	52
HUBS	ENGAGEMENT DEGREES	6.9°
	TIRE TYPE	Tubular
	ETRTO DIMENSION	Tubular 622x25
	CASSETTE	XD™ or 9-, 10- and 11-speed driver body
	ROTORS	International standard 6 bolts
	FRONT AXLE COMPATIBILITY	9x100 QR / 9x100 QR OS / 15x100
	REAR AXLE COMPATIBILITY	10x135 QR / 12x135 / 12x142
	CONVERTIBILITY	SIDE SWAP™ SYMMETRICAL
COMPATIBILITY		

SPECIFICATIONS

SRAM ROAM WHEELS

WEIGHTS	ROAM 60				ROAM 50				ROAM 40				ROAM 30			
	FRONT				FRONT				FRONT				FRONT			
	FRONT PREDICTIVE STEERING				FRONT PREDICTIVE STEERING				FRONT PREDICTIVE STEERING				FRONT PREDICTIVE STEERING			
	REAR				REAR				REAR				REAR			
RIM	PAIR				PAIR				PAIR				PAIR			
	MATERIAL				MATERIAL				MATERIAL				MATERIAL			
	PROFILE				PROFILE				PROFILE				PROFILE			
	FINISH				FINISH				FINISH				FINISH			
SPOKE	HEIGHT				HEIGHT				HEIGHT				HEIGHT			
	INTERNAL WIDTH				INTERNAL WIDTH				INTERNAL WIDTH				INTERNAL WIDTH			
	EXTERNAL WIDTH				EXTERNAL WIDTH				EXTERNAL WIDTH				EXTERNAL WIDTH			
	JOINT				JOINT				JOINT				JOINT			
NIPPLES	DRILLING				DRILLING				DRILLING				DRILLING			
	TYPE				TYPE				TYPE				TYPE			
	MATERIAL				MATERIAL				MATERIAL				MATERIAL			
	SECTION				SECTION				SECTION				SECTION			
HUBS	SHAPE				SHAPE				SHAPE				SHAPE			
	FINISH				FINISH				FINISH				FINISH			
	COUNT FRONT AND REAR				COUNT FRONT AND REAR				COUNT FRONT AND REAR				COUNT FRONT AND REAR			
	SPOKE LENGTH COUNT				SPOKE LENGTH COUNT				SPOKE LENGTH COUNT				SPOKE LENGTH COUNT			
COMPATIBILITY	LACING FRONT AND REAR				LACING FRONT AND REAR				LACING FRONT AND REAR				LACING FRONT AND REAR			
	HUB RETENTION				HUB RETENTION				HUB RETENTION				HUB RETENTION			
	MATERIAL				MATERIAL				MATERIAL				MATERIAL			
	TYPE				TYPE				TYPE				TYPE			
	FINISH				FINISH				FINISH				FINISH			
	ANTI-ROTATION				ANTI-ROTATION				ANTI-ROTATION				ANTI-ROTATION			
	HUB SHELL MATERIAL				HUB SHELL MATERIAL				HUB SHELL MATERIAL				HUB SHELL MATERIAL			
	HUB SHELL FINISH				HUB SHELL FINISH				HUB SHELL FINISH				HUB SHELL FINISH			
	AXLE MATERIAL				AXLE MATERIAL				AXLE MATERIAL				AXLE MATERIAL			
	BEARING TYPE				BEARING TYPE				BEARING TYPE				BEARING TYPE			
	BEARING QUANTITY				BEARING QUANTITY				BEARING QUANTITY				BEARING QUANTITY			
	DRIVER BODY MATERIAL				DRIVER BODY MATERIAL				DRIVER BODY MATERIAL				DRIVER BODY MATERIAL			
	DRIVER MECHANISM / TYPE				DRIVER MECHANISM / TYPE				DRIVER MECHANISM / TYPE				DRIVER MECHANISM / TYPE			
	SPRINGS				SPRINGS				SPRINGS				SPRINGS			
	ENGAGEMENT POINTS				ENGAGEMENT POINTS				ENGAGEMENT POINTS				ENGAGEMENT POINTS			
	ENGAGEMENT DEGREES				ENGAGEMENT DEGREES				ENGAGEMENT DEGREES				ENGAGEMENT DEGREES			
	TIRE TYPE				TIRE TYPE				TIRE TYPE				TIRE TYPE			
	ETRTO DIMENSION				ETRTO DIMENSION				ETRTO DIMENSION				ETRTO DIMENSION			
	CASSETTE				CASSETTE				CASSETTE				CASSETTE			
	ROTORS				ROTORS				ROTORS				ROTORS			
	FRONT AXLE COMPATIBILITY				FRONT AXLE COMPATIBILITY				FRONT AXLE COMPATIBILITY				FRONT AXLE COMPATIBILITY			
	REAR AXLE COMPATIBILITY				REAR AXLE COMPATIBILITY				REAR AXLE COMPATIBILITY				REAR AXLE COMPATIBILITY			
	CONVERTIBILITY				CONVERTIBILITY				CONVERTIBILITY				CONVERTIBILITY			



SRAM RAIL WHEELS

WEIGHTS	RAIL 50		RAIL 40	
	FRONT	26" - 800g 27.5" - 830g 29" - 870g	27.5" - 870g 29" - 910g	
	FRONT PREDICTIVE STEERING	n/a	n/a	
	REAR	26" - 890g 27.5" - 920g 29" - 960g	27.5" - 965g 29" - 1005g	
	PAIR	26" - 1690g 27.5" - 1750g 29" - 1830g	27.5" - 1810g 29" - 1900g	
RIM	MATERIAL	Aluminum 6061 T6	Aluminum 6061 T6	
	PROFILE	UST—Asymmetrical 3mm offset—TAPER CORE™	UST—Asymmetrical 3mm offset—TAPER CORE™	
	FINISH	Sand blasted Black Ano with bake-on decals	Black Anodized with adhesive decals	
	HEIGHT	21.5mm	21.5mm	
	INTERNAL WIDTH	23mm	23mm	
SPOKE	EXTERNAL WIDTH	28mm	28mm	
	JOINT	Welded	Welded	
	DRILLING	Traditional with tubeless tape	Traditional with tubeless tape	
	TYPE	Custom—straight pull	Bladed—straight pull	
	MATERIAL	Stainless steel	Stainless steel	
NIPPLES	SECTION	Double butted 2.2 / 1.7 / 2.0	Double butted 2.0 / 1.8 / 2.0	
	SHAPE	Bladed	Bladed	
	FINISH	Black chrome	Black	
	COUNT FRONT AND REAR	24	24	
	SPOKE LENGTH COUNT	SOLO SPOKE™	SOLO SPOKE™	
HUBS	LACING FRONT AND REAR	2 cross	2 cross	
	HUB RETENTION	Drilled hole in spoke paddle	Slot	
	MATERIAL	Aluminum	Aluminum	
	TYPE	External	External	
	FINISH	Black Ano	Black Ano	
COMPATIBILITY	ANTI-ROTATION	Nylon thread locker	Taper Grip nipples	
	HUB SHELL MATERIAL	Aluminum	Aluminum	
	HUB SHELL FINISH	Black Ano—matte / glossy finish	Black Ano	
	AXLE MATERIAL	Aluminum	Tapered aluminum	
	BEARING TYPE	Cartridge bearings 2RS	SPEEDBALL™ precision-machined bearings	
	BEARING QUANTITY	2 (front) and 4 (rear)	2 (front) and 4 (rear)	
	DRIVER BODY MATERIAL	Aluminum / Black Ano	Aluminum / Black Ano	
	DRIVER MECHANISM / TYPE	Star Ratchet	DOUBLE TIME™ ratchet	
	SPRINGS	2 coil springs	4 pawls	
	ENGAGEMENT POINTS	18	52	
	ENGAGEMENT DEGREES	20°	6.9°	
	TIRE TYPE	Clincher UST	Clincher UST	
	ETRTO DIMENSION	26" - 559x23c 27.5" - 584x23c 29" - 622x23c	27.5" - 584x23c 29" - 622x23c	
	CASSETTE	XD™ or 9-, 10- and 11-speed driver body	XD™ or 9-, 10- and 11-speed driver body	
	ROTORS	International standard 6 bolts	International standard 6 bolts	
	FRONT AXLE COMPATIBILITY	9x100 QR / 15x100 / 20x110	9x100 QR / 15x100 / 15x110 / 20x110	
	REAR AXLE COMPATIBILITY	10x135 QR / 12x142	10x135 QR / 12x142 / 12x148	
	CONVERTIBILITY	SIDE SWAP™	SIDE SWAP™ SYMMETRICAL	

SRAM HUBS

	PREDICTIVE STEERING™ HUB	X0	X9	X7	MTH 716 FRONT HUB	MTH 746 REAR HUB
WEIGHTS	165g	130g (front) / 255g (rear)	175g (front) / 395g (rear)	180g (front) / 420g (rear)	170g	360g
DRIVER COMPATIBILITY	n/a	XD™ or 9-, 10 and 11-speed driver body	9-, 10- and 11-speed	9-, 10- and 11-speed	n/a	XD™ or 9-, 10 and 11-speed driver body
SPOKE HOLES	28, 32 or 24 Straight Pull	28 or 32	28 or 32	32	32	32
ROTOR COMPATIBILITY	International standard 6 bolts	International standard 6 bolts	International standard 6 bolts	International standard 6 bolts	International standard 6 bolts	International standard 6 bolts
AXLE	PREDICTIVE STEERING™	Front: QR, 15x100, 15x110, 20x110 Rear: QR, 12x135, 12x142, 12x148, 12x150, 12x157	Front: QR, 15x100 , 20x110 Rear: QR , 12x135, 12x142	Front QR Rear QR	15x100	12x142
FINISH	Black	Black, Red and sand blasted; Black, Silver and polished	Black Ano or White	Black Ano	Black Ano	Black Ano



SPECIFICATIONS

TRUVATIV CROSS COUNTRY/RACE—CARBON BARS

PRODUCT	WIDTHS	MATERIAL / COLOR	FINISH	WEIGHTS	BACK-SWEEP	UP-SWEEP	RISES	BAR CLAMP DIAMETER
NOIR T40 FLAT	580mm	Carbon fiber SL	Unidirectional carbon fiber with traction finish on stem clamp area	118g	5°	n/a	n/a	31.8mm
NOIR T40 RISER	640, 700 and 720mm	Carbon fiber SL / Red, Silver or Blue	Unidirectional carbon fiber with traction finish on stem clamp area	180g	9°	5°	15 and 30mm	31.8mm
NOIR T30 10S FLAT	700mm	Carbon fiber SL	Unidirectional carbon fiber with traction finish on stem clamp area	180g	10°	n/a	n/a	31.8mm
NOIR T30 FLAT	600mm	Carbon fiber SL	Unidirectional carbon fiber with traction finish on stem clamp area	136g	5°	n/a	n/a	31.8mm
NOIR T30 RISER	680 and 700mm	Carbon fiber	Unidirectional carbon fiber with traction finish on stem clamp area	205g	9°	5°	25mm	31.8mm
NOIR T20 RISER	680mm	Carbon fiber	Unidirectional carbon fiber with traction finish on stem clamp area	188g	9°	5°	20 and 40mm	31.8mm

TRUVATIV TRAIL/ENDURO BARS

PRODUCT	WIDTHS	MATERIAL / COLOR	FINISH	WEIGHTS	BACK-SWEEP	UP-SWEEP	RISES	BAR CLAMP DIAMETER
STYLO T40 10S FLAT	700mm	Butted AL-7050 TV	Black Anodized with color graphics	270g	10°	n/a	n/a	31.8mm
STYLO T40 FLAT	640, 700 and 720mm	Butted AL-7050 TV	Black Anodized with color graphics	145g	5°	n/a	n/a	31.8mm
STYLO T40 RISER	700mm	Butted AL-7050 TV	Black Anodized or SnoWhite	256/258g	9°	5°	15 and 25mm	31.8mm
STYLO T30 FLAT	580 and 600mm	Butted AL-66	Black Anodized	161g	5°	n/a	n/a	31.8mm
STYLO T30 RISER	700mm	Butted AL-66	Black Anodized	282g	9°	5°	20, 30 and 40mm	31.8mm
STYLO T20 FLAT	580 and 600mm	Butted AL-6061	Black Anodized	192g	5°	n/a	n/a	25.4 and 31.8mm
STYLO T20 RISER	680mm	Butted AL-6061	Black Anodized	320g	9°	5°	20 and 30mm	25.4 and 31.8mm
AKA	710mm	Butted AL-66	Zepher Grey	264g	7°	5°	25mm	31.8mm
BLACKBOX JEROME CLEMENTZ	750mm	Carbon fiber	Unidirectional carbon fiber	240g	7°	5°	20mm	31.8mm

TRUVATIV GRAVITY—ALLOY BARS

PRODUCT	WIDTHS	MATERIAL	FINISH	WEIGHTS	BACK-SWEEP	UP-SWEEP	RISES	BAR CLAMP DIAMETER
BOOBAR	740 and 780mm	Butted AL-7050 TV	Tungsten Grey or Blast Black Anodized	270 and 340g	7°	5°	20 and 30mm	31.8mm
HOLZFELLER	730mm	Butted AL-7050 TV	Black Anodized or SnoWhite	317g	9°	5°	20,30,40and 50mm	31.8mm
HUSSEFELT	700mm	Butted AL-66	Black Anodized or SnoWhite	285g	9°	5°	20, 30 and 40mm	31.8mm
HUSSEFELT COMP	680mm	Butted AL-6061	Black Anodized	330g	9°	5°	20, 30 and 40mm	31.8mm
BLACKBOX STEVIE SMITH	780mm	Butted AL-7050 TV	Bright Silver or Blast Black	340g	7°	5°	30mm	31.8mm



TRUVATIV STEMS

PRODUCT	MATERIAL BODY	CLAMP	STEERER HEIGHT	CLAMP Ø	ANGLE	BAR CLAMP Ø	LENGTH	WEIGHTS	BOLTS	FINISH / COLORS
STYLO T40	3D forged AL-7050	AL-7050	39mm	1 1/8"	5°	31.8mm	75, 90, 100, 110, 120, 130mm	130g (110mm)	6-4 Ti	SnoWhite or Black Anodized
STYLO T30	3D forged AL-7050	AL-7050	39mm	1 1/8"	5°	31.8mm	75, 90, 100, 120, 130mm	135g (110mm)	CrMo	Black Anodized
STYLO T20	3D forged AL-6061	AL-6061	39mm	1 1/8"	5°	31.8mm	60, 75, 90, 100, 110, 120, 130mm	145g (110mm)	CrMo	SnoWhite or Black Anodized
AKA	3D forged AL-7050	AL-66	38mm 45mm	1 1/8" 1 1/2"	5°	31.8mm	60, 70, 80, 90, 100, 110mm	170g (110mm)	CrMo	SnoWhite or Black Anodized
HOLZFELLER DM	Forged AL-7050	AL-66	n/a	n/a	0°	31.8mm	55, 70mm	153g (50mm)	CrMo	Black, SnoWhite or BoXXer Red
HOLZFELLER	Forged AL-66	AL-66	42mm 50mm	1 1/8" 1 1/2"	0° 7°	31.8mm	40, 60mm 40, 50mm	190g (40mm)	CrMo	Black Anodized or BoXXer Red
HUSSEFELT	AL-6061-T6	AL-6061	42mm	1 1/8"	0°	31.8mm	40, 60mm	203g (40mm)	CrMo	SnoWhite or Black Anodized

TRUVATIV SEATPOSTS

PRODUCT	MATERIAL (SHAFT)	POST DIAMETER Ø	LENGTH	SADDLE CLAMP OFFSET	WEIGHTS	COLORS (TUBE / CLAMP)
NOIR T40	Filament-wound carbon with unidirectional carbon butting and titanium bolts	27.2, 30.9 and 31.6mm	350 and 400mm	0 and 25mm	225g	Carbon and Tungsten Grey / Red, Silver and Blue
NOIR T30	Filament-wound carbon with unidirectional carbon butting	27.2, 30.9 and 31.6mm	350 and 400mm	0 and 25mm	235g	Carbon and Tungsten Grey
STYLO T40	AL-7050 shaft, titanium bolts	27.2, 30.9 and 31.6mm	350 and 400mm	0 and 25mm	260g	Blast Black
STYLO T30	AL-7050	27.2, 30.9 and 31.6mm	350 and 400mm	0 and 25mm	270g	Blast Black
STYLO T20	AL-6061	27.2, 30.9 and 31.6mm	350 and 400mm	0 and 25mm	270g	Blast Black
AKA	AL-7050	27.2, 30.9 and 31.6mm	350 and 400mm	0 and 25mm	270g	Zepher Grey
HOLZFELLER	AL-7050	27.2, 30.9 and 31.6mm	350mm	0 and 20mm	240g	Blast Black
HUSSEFELT	AL-6061	27.2, 30.9 and 31.6mm	250 and 350mm	10 and 20mm	271g	Blast Black

TRUVATIV CRANKS

PRODUCT	VARIANTS	WEIGHTS	TECHNOLOGIES	SPEEDS	COMPATIBILITY	MATERIALS	HARDWARE	KEY FEATURES	OPTIONS
DESCENDANT	GXP®; 73 and 83 mm spindle lengths	822g	GXP® and Gutter Seal Technology™	10- and 9-speed	10- and 9-speed	Forged AL-7050-T6 crank arms and AL-7075-T chain rings	Steel UCP	Lightweight, high strength and stiffness	165, 170 and 175mm crank arm lengths; 36 and 38t chainrings

TRUVATIV CHAIN GUIDES

PRODUCT	VARIANTS	WEIGHTS	TECHNOLOGIES	SPEEDS	COMPATIBILITY	MATERIALS	HARDWARE	KEY FEATURES	OPTIONS
XO CHAIN GUIDE	Available in BB-mount, ISCG or ISCG05 mounting standards	185g (40-36t) and 168g (36-32t)	Replaceable skid plate and integrated skid/ lower guide with sealed bearing	10- and 9-speed	40- to 36-tooth and 36- to 32-tooth capacity	5mm thick CNC AL boomerang, replaceable polycarbonate skid	Captive upper and lower hardware for simple set-up and adjustment	Replaceable skid plate. Lightweight AL mounting plates. Front-access, single bolt positing of upper and lower guides with captive hardware	Black or White
X-GUIDE	Available in BB-mount, ISCG or ISCG05 mounting standards	155g	Replaceable skid plate and integrated skid/ lower guide with sealed bearing	10-speed	Four chainring ratios: 42-28t, 39-26t and 38-24t, 36-22t	Lightweight aluminum mounting plate	Captive upper and lower hardware for simple set-up and adjustment	Replaceable skid plate. Lightweight AL mounting plates. Front-access, single bolt positing of upper and lower guides with captive hardware	Black or White



# SRAM MTB DRIVETRAIN, BRAKES AND WHEELS

## TECHNOLOGY GLOSSARY

### 1:1®

**DRIVETRAIN** | 1:1® Actuation is superior by design. Every unit of cable you pull moves the derailleur the same amount. Actuation stays precise and fluid slogging through mud, bouncing off rocks, rutting through roots wherever you find yourself, whatever conditions you're in. It's dependable. Tolerant. Easiest to set up. Easiest to adjust.

### BB30

**DRIVETRAIN** | Besides serious weight savings, this bottom bracket means narrow Q-factor, more ankle clearance, greater bearing durability, and stronger crank construction.

### BLEEDING EDGE™

**BRAKES** | SRAM's new S4 caliper features a redesigned bleed porting and fluid path, to make it easier to push fluid through the caliper for quick and easy bleeding. A dedicated bleed adapter for the S4 caliper plugs into the bleed port and seals the system to minimize air contamination and fluid loss.

### BOOST

#### DRIVETRAIN AND WHEELS |

BOOST is a new wheel and drivetrain specification that opens the opportunity for improved frame geometry with shorter chain stays,

wider and stiffer suspension pivots, a wider range of chainring options as well as more clearance for bigger tires and wider, stiffer wheels.

### CAGE LOCK™

**DRIVETRAIN** | With CAGE LOCK™ technology in the rear derailleur, wheel removal and installation—as well as chain installation—becomes faster and simpler. Just push the cage forward to create slack and lock it into place.

### CARBON TUNED™

**WHEELS** | Strong like bull, light like carbon. Every CARBON TUNED™ rim is designed with a distinct style of riding in mind. By selectively layering woven carbon fiber at high-stress points and using unidirectional fiber throughout, SRAM creates rims that yield a remarkable level of strength and durability—while remaining lightweight and responsive.

### CONTACT POINT ADJUST

**BRAKES** | Some people like the instantaneous power of a short lever throw. Others prefer the feel of a longer throw. With Contact Point Adjust, you can pick the position you want your fingers to be in when your brakes are engaged. It's a quick and easy way to customize the feel of your brakes without having to

move the pads. It's also a way to balance both brake levers to feel exactly the same.

### DEADBAND

**BRAKES** | This refers to the time between the moment you engage the lever and when the pads contact the rotor. SRAM technologies such as SwingLink™ balance the dual demands of minimizing deadband and optimizing modulation for braking finesse and control.

### DIRECTLINK™

**BRAKES** | SRAM's DirectLink™ lever design produces a solid, positive feel the second you squeeze the lever to engage the brake. It offers a no-nonsense solution to give you precise control.

### DIRECT ROUTE™

**DRIVETRAIN** | Here's the dirt on middlemen: they suck. That's why DIRECT ROUTE™ technology doesn't have one. Instead, the cable routes directly to the actuation mechanism. Result? Less friction. Less effort. More oomph. Plus it's impervious to cable housing damage. Nice.

### DOUBLE-DECKER™

**WHEELS** | Stacked in your favor. This hub shell design takes straight pull spoke slots and stacks them



two-by-two—distributing force perfectly around the wheel's SOLO SPOKE™ design. The resulting wheel dish is wider, maximizing lateral stiffness while retaining some frontal compliance.

## DOUBLE TIME™ RATCHET

**WHEELS |** Ratcheting up the smarts. This straight-aligned, 4-pawl design turns the 26-tooth ratchet ring into 52 points of contact. The result: smooth 6.9° engagement without reducing tooth size or offsetting internal geometry—which means serious long-term durability.

## EXACT ACTUATION™

**DRIVETRAIN |** EXACT ACTUATION™ helps to simplify/stabilize the uneasy act of balancing rear derailleur hanger design, tight cog spacing and exact cable tension. The result: the easiest index shifting system to set up and it stays that way.

## EXPANDABLE BLADDER

**BRAKES |** SRAM's new brake lever design includes a reshaped expandable bladder that helps regulate and reduce air bubbles. The bladder is specifically shaped to evacuate air from the lever and push the fluid exactly where it's needed. The result is improved back-pressure relief, which produces dependable braking power and consistency.

## FULL PIN™

**DRIVETRAIN |** FULL PIN™ technology uses eleven lightweight, stamped cogs held together with 123 high-strength stainless steel pins. The result: a cassette that's light, durable and equipped with SRAM's super wide 10-42 gear range that's a perfect fit for any ride. The open design similar to our X-DOME™ cassette aids in mud clearance, giving you cleaner shifting performance and longer component life.

## GXP®

**DRIVETRAIN |** GXP's gutter seal design cuts friction, durability

and weight—improving both feel and performance.

## HARD CHROME™

**DRIVETRAIN |** The SRAM HARD CHROME™ chain has four times the elongation (wear) resistance to our other chains. This is due to the new finishing process on the inner links and rollers. Push pin strength and ultimate strength are equivalent to our current chains. The HARD CHROME™ chain lasts longer and is just as strong.

## JAWS™

**DRIVETRAIN |** Once the Grip Shift shifter and grip interlock securely, forged aluminum clamps on either end reinforce the assembly by locking tightly to handlebar.

## JET™

**DRIVETRAIN |** With durable JET™ black finish, the cassette looks as tough as it performs—ride after ride. JET™ finish provides a higher level of corrosion resistance.

## MINI BLOCK™

**DRIVETRAIN |** Light, strong and precise, the MINI BLOCK™ X-DOME™ cassette lets you bring the right kind of power to every ride. This 7-speed cassette designed for gravity features an optimized gear range that eliminates the need for double/triple shifts to get in the gear you want.

## MINI CLUSTER™

**DRIVETRAIN |** The MINI CLUSTER™ hybrid cassette construction combines three small cogs that are CNC machined out of a single block of billet steel with an additional eight cogs that are individually pinned together. The result: a cassette that's light, durable and equipped with a 10-42t gear range that's a perfect fit for any ride.

## PREDICTIVE STEERING™

**WHEELS |** Unique fork, axle and compression technologies combine at the core of Predictive Steering. Fork twisting is reduced thanks to

the large-diameter TORQUE TUBE axle that creates an unbreakable bond, locking the lowers in place and maximizing torsional stiffness. A wider hub flange spacing results in a stronger, more responsive wheel. The Maxle Ultimate completes the connection with a tighter, stronger clamping force than you'd expect with a quick release compression system.

## REACH ADJUST

**BRAKES |** Brake lever fit and feel is a personal thing. Riders have individual positioning preferences, as well as unique hand sizes and finger lengths. Reach Adjust makes it easy to adjust your lever for maximum one-finger control for everyone.

## ROLLER BEARING CLUTCH™

**DRIVETRAIN |** ROLLER BEARING CLUTCH™ technology eliminates derailleur bounce and chain slap without sacrificing precision.

## ROLLING THUNDER™

**DRIVETRAIN |** Three rows of ball bearings provide zero friction or play—reducing the force needed to shift and promoting long-term performance under all weather conditions with Grip Shift.

## SEEKER™

**WHEELS |** Get unbent. 3D forged and machined for lightweight strength, the flanges are angled towards the rim—allowing the spokes to be fully in-line when tensioned. The result: reduced spoke head breakage and better overall durability.

## SIDE SWAP™

**WHEELS |** Switching axles has never been easier. Threadless side caps can be installed and replaced by hand—no tools necessary. SIDE SWAP™ SYMMETRICAL side caps refuse to take sides. The left side cap is identical to the right one. No need to figure out where each cap is going.

## SOLO SPOKE™

**WHEELS |** With SOLO SPOKE™, you're never wrong. SRAM wheel design eliminates the need for different spoke lengths—one size fits the entire wheel. This identical-length design means no longer wondering whether you have the right front/rear/drive-side/nondrive-side spoke handy.

## SPEEDBALL™

**WHEELS |** The only adjustment they'll ever need was made back at the factory. Every part of the ball bearing comes from the exact same supplier—which means that each bearing bore can be precision machined to fit the bearing race exactly. With tolerances this tight, the days of adjusting play after every ride are over.

SPEEDBALL™ CERAMIC option available with ceramic balls for faster, smoother and longer lasting bearings.

## SPEED METAL™

**DRIVETRAIN |** Full metal indexing keeps shifting crisp and precise with Grip Shift.

## SWINGLINK™

**BRAKES |** Squeeze a SRAM brake lever and you notice it immediately. Less deadband. More positive engagement. A new cam system requires less lever throw to push the pads toward the rotor. That's great, but there's more to perfect braking performance than just power. You need control. Many brake systems minimize deadband—but at the cost of modulation. SwingLink™ solves that with its special cam shape. When the pads contact the rotor, the leverage rate curve is flat and smooth, avoiding that “on/off” brake feel. It's the perfect balance of power and precision.

## TAPER CORE™

**WHEELS |** Strong in the right places. The sidewalls of SRAM rims are reinforced along the wings to

withstand major impact. But the sidewalls then taper in along the center—reducing overall mass. The result is a very light rim with excellent dent resistance.

## TIMING PORT CLOSURE

**BRAKES |** A hydraulic brake's timing port is the connection between the reservoir and the master cylinder bore. When the lever is squeezed, a cup seal passes this area and closes the port, which pressurizes the system. SRAM's new timing port closure system features durable seals and an ultra-smooth cylinder bore finish producing dependable braking power and consistency.

## UST TUBELESS

**WHEELS |** No tube, no-brainer. UST TUBELESS rims feature hooked edges designed to seal with UST compatible tires. The result is improved traction and control, less inertia and fewer flats.

## X-ACTUATION™

**DRIVETRAIN |** Developed specifically for SRAM 1x™, X-ACTUATION™ keeps shifting sharp and consistent across the entire 10- to 42-tooth cassette.

## X-DOME™

**DRIVETRAIN |** The revolutionary machined design of the X-DOME™ cassette uses the same grueling manufacturing techniques that produced the PowerDome™ road cassette. With X-DOME™, nine of the cogs are CNC machined together out of a single block of billet steel, creating an incredibly lightweight, precise and strong cassette.

## X-GLIDE™

**DRIVETRAIN |** Our crank engineers threw away the old standards and developed a chainring geometry from the ground up. They precisely paired the different-sized chainrings and redesigned where and how the chain engages with the rings. By aligning the chainring pick-up rivets to the chain pivot pin—rather than

the middle of the chain link—you get double the shift opportunities, providing the fastest-shifting drivetrain. No more missed shifts, ever. X-GLIDE™ puts you in THE RIGHT GEAR.

## X-HORIZON™

**DRIVETRAIN |** This rear derailleur's “straight parallelogram” design limits all movement to the horizontal axis, which makes ghost shifting impossible while also reducing shift force. For quicker, more exact shifting, the large upper pulley offset design maintains a constant chain gap across all gears.

## X-SYNC™

**DRIVETRAIN |** SRAM X-SYNC™ 1x chainrings provide the highest level of performance and durability. The SRAM X-SYNC™ tall square teeth edges engage the chain earlier than traditional triangle shaped teeth. The sharp and narrow tooth profile, as well as rounded chamfer edges, help manage a deflected chain. To provide the best possible performance in muddy conditions, the X-SYNC™ chainrings have been designed with mud-clearing recesses for the inner chain links and rollers. Engineered in Germany, X-SYNC™ rings are an integral part of the SRAM 1x™ drivetrain. Accept no imitation.

## XD™ DRIVER BODY

**DRIVETRAIN |** XD™ is a cassette driver body design that allows the use of a 10-tooth small cog and provides an improved interface with the cassette.

## ZERO LOSS

**DRIVETRAIN |** ZERO LOSS simply means, well, zero loss—when you push on the lever, for an upshift or down shift, the cable is engaged instantly—zero loss of movement. There is no middle-ground where you're waiting for the shift to come. Gear changes are instant and precise.







**SRAM**  
DEALER SERVICE DIRECT

At DSD we work with a group of enthusiastic people who all love to ride bikes. Each representative has a broad experience in the bicycle industry and understands the needs of dealers and consumers. By continued training on all new products and parts we keep the DSD staff constantly up to date. Via toll free phone numbers, DSD offers direct support to bike shops. These shops can send parts back to our service locations for warranty evaluation or repair. We want you to enjoy your ride by providing best in class service!



# BEST IN CLASS SERVICE



SRAM has specific dealer service centres in Germany, France, Netherlands, Denmark, the UK, China, Australia and the USA to service and warranty all SRAM, RockShox, Avid, Truvativ, Zipp and Quarq products. Please visit the SRAM website for DSD local updates.

For all Brands: **SRAM**



**Avid**

**TRUVATIV**

**ZIPP**

**QUARQ**

**SRAM**

# SRAM

## THE SRAM WIDE WEB

### Road

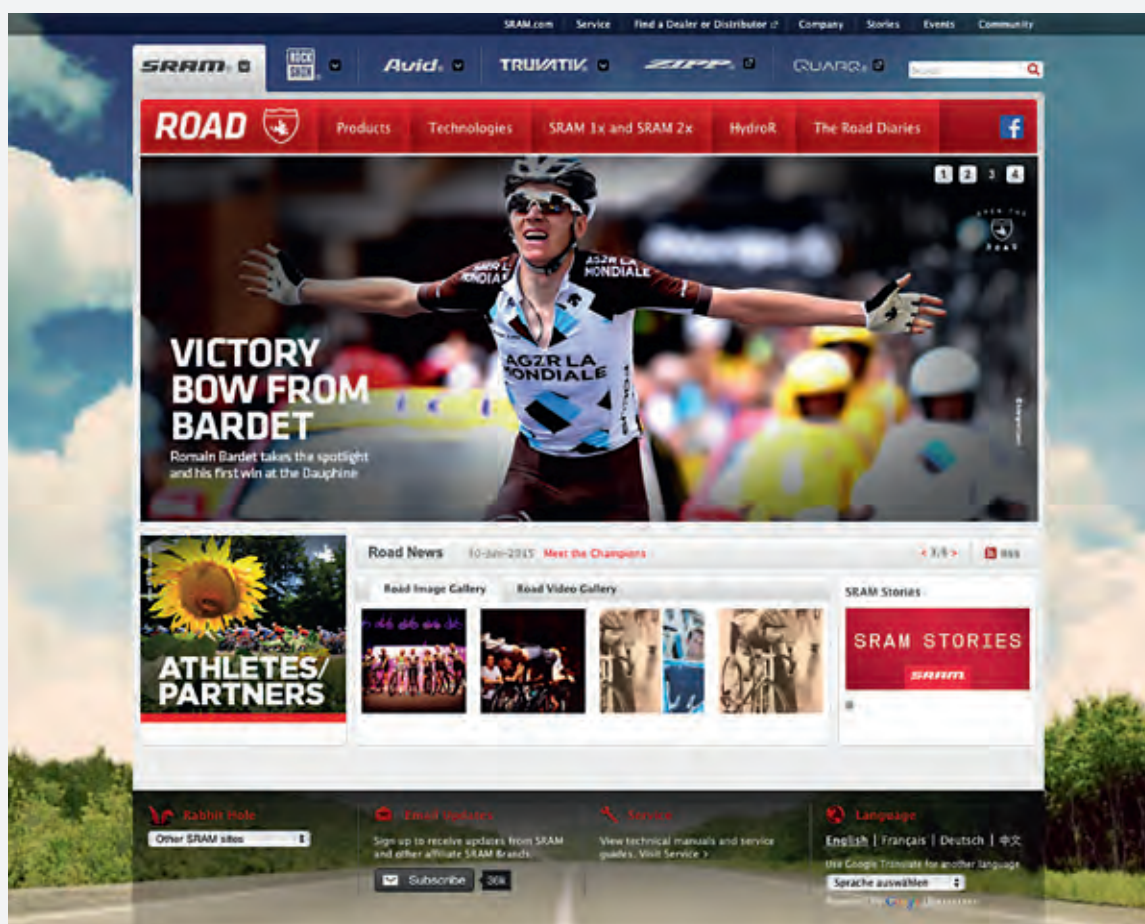
- > [www.sram.com/sram/road](http://www.sram.com/sram/road)
- > [www.zipp.com](http://www.zipp.com)
- > [www.quarq.com](http://www.quarq.com)

### MTB

- > [www.sram.com/sram/mountain](http://www.sram.com/sram/mountain)
- > [www.sram.com/rockshox](http://www.sram.com/rockshox)
- > [www.sram.com/avid](http://www.sram.com/avid)
- > [www.sram.com/truvativ](http://www.sram.com/truvativ)

### Urban

- > [www.sram.com/sram/urban](http://www.sram.com/sram/urban)



### Video

- > [vimeo.com/user5149154](https://vimeo.com/user5149154)
- > [www.youtube.com/user/theroaddiaries](https://www.youtube.com/user/theroaddiaries)
- > [www.youtube.com/user/zippspeed](https://www.youtube.com/user/zippspeed)
- > [www.youtube.com/user/studio186](https://www.youtube.com/user/studio186)
- > [www.youtube.com/rockshoxsuspension](https://www.youtube.com/rockshoxsuspension)
- > [www.youtube.com/user/SRAMurban](https://www.youtube.com/user/SRAMurban)

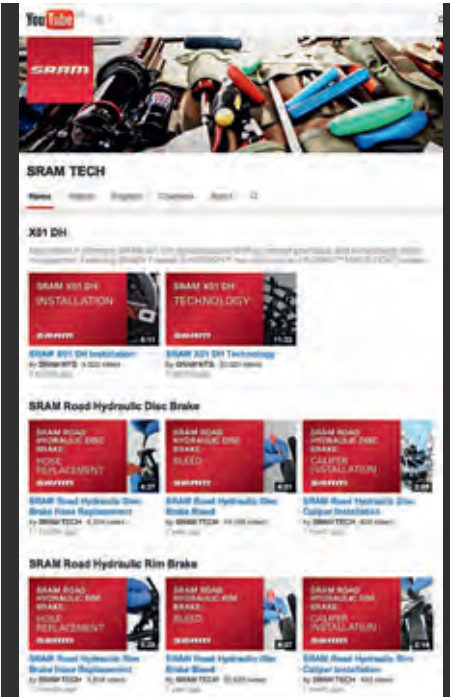
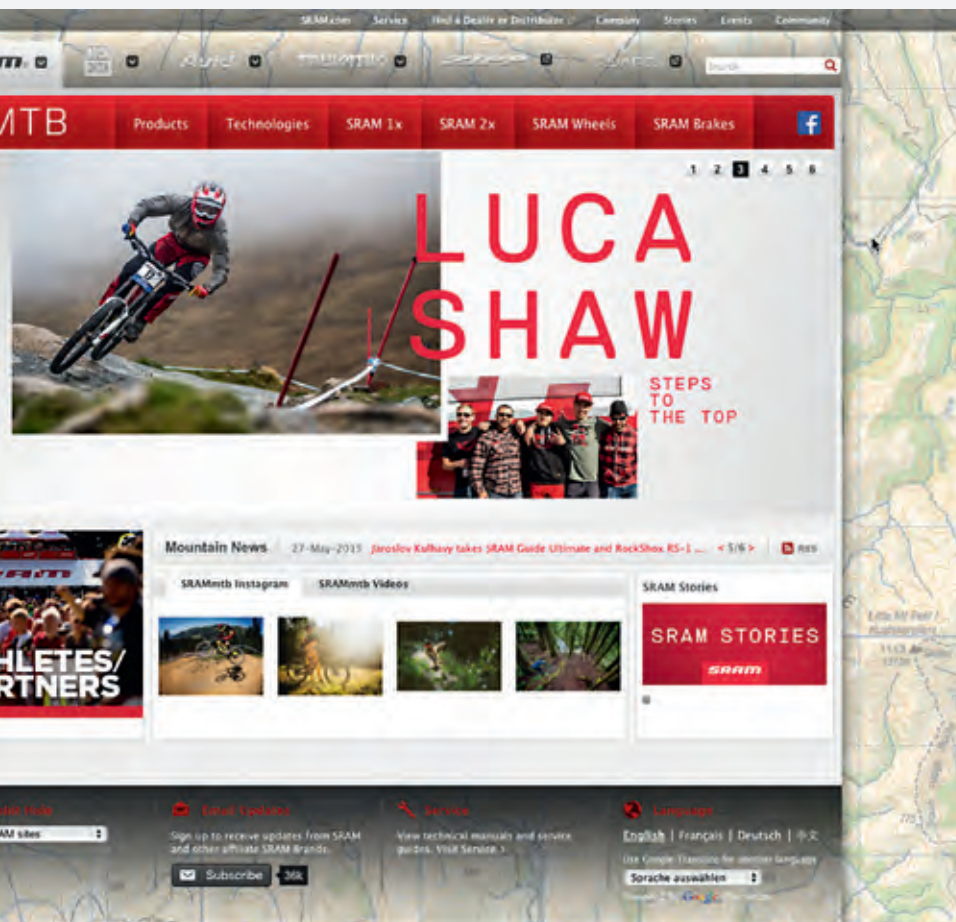
### Photo

- > [www.instagram.com/sramroad/](https://www.instagram.com/sramroad/)
- > [www.instagram.com/sramracing/](https://www.instagram.com/sramracing/)
- > [www.instagram.com/zippspeed/](https://www.instagram.com/zippspeed/)
- > [www.instagram.com/srammtb/](https://www.instagram.com/srammtb/)
- > [www.instagram.com/rockshox/](https://www.instagram.com/rockshox/)



## Corporate

- > [www.worldbicyclerelief.org](http://www.worldbicyclerelief.org)
- > [www.sramcyclingfund.org](http://www.sramcyclingfund.org)



## TECH-VIDEOS FOR YOUR SUPPORT

SRAM established its own tech channel on Youtube.

You will find hundreds of videos showing you how to service SRAM equipment, from bleeding hydraulic brakes to installing and adjusting the road gruppos to tuning RockShox forks and dampers.

### TECH SERVICE

- > [www.sram.com/en/service](http://www.sram.com/en/service)
- > [www.youtube.com/SRAMtech](http://www.youtube.com/SRAMtech)

## Facebook

- > SRAM fan page
- > SRAM Road fan page
- > Quarq fan page
- > Zipp fan page
- > SRAM MTB fan page
- > RockShox Suspension fan page

## Twitter

- > [twitter.com/SRAMRoad](https://twitter.com/SRAMRoad)
- > [twitter.com/SRAMRacing](https://twitter.com/SRAMRacing)
- > [twitter.com/SRAMmtb](https://twitter.com/SRAMmtb)
- > [twitter.com/rockshox](https://twitter.com/rockshox)
- > [twitter.com/ZippSpeed](https://twitter.com/ZippSpeed)
- > [twitter.com/Quarq](https://twitter.com/Quarq)
- > [twitter.com/PowerOfBicycles](https://twitter.com/PowerOfBicycles)

## Blog

- > [blog.quarq.com](http://blog.quarq.com)



## SRAM CYCLING FUND

Cycling advocacy is part of SRAM's DNA. Whether it is fighting for mountain bike trail access...

bike lanes on city streets, or bikes for African healthcare workers; we are all about the power of bicycles. Our love affair with the bicycle goes beyond our great components. We care deeply about the places you ride. When you buy SRAM components, you are joining this effort. All SRAM employees are delighted to be part of an industry that not only makes your bicycling experience better, but also makes the world better through bicycling.

The SRAM Cycling Fund is the clearest expression of SRAM's push for cycling infrastructure, access and safety. The Fund is a catalyst for growing cycling and the overall industry.

This is good for retail dealers, bike companies, our competitors and SRAM. Our hope is that the SRAM Cycling Fund is an acceleration of an industry wide effort. The biggest barrier to increased bicycle use in daily lives is the lack of appropriate infrastructure. Cities need comfortable streets, secure bike parking and safe bikes lanes for people of all ages to benefit from cycling. To increase mountain and trail biking we need environmentally stable trails and trail access. The SRAM Cycling Fund supports national and international advocacy organizations that push for increased public investment in cycling infrastructure.



Every year, we do these catalog liner notes filled with the things that got us through the year or excited us most along the way. It seems as if we've hit all the classic categories. Food, Music, Rides, Travel, etc. This year were going out on a limb and going with Apps. Yes that's right, Apps. We thought about the top 3 songs on everyone's playlists, but opted for Apps. Below are the top 3 apps that got the most use by the marketing team at SRAM.....Mostly;

1. Kenneth likes: **Wechat**: Let me connect better with my family and friends. **Weibo**: Chinese twitter, you know what you do with it. **Dianping**: Where is the great food? 2. Gaetan likes: **Yahoo weather**: great to know how to pack my case or when to go for sunny bike ride. **Snapped**: love to tune my photos without having to open my laptop. **Strava**: looking for new segments and keeping an eye on my local KOM. 3. Rogier likes: **WhatsApp**: to share images, fun moments and ideas with friends, family and colleagues **BBC**: to scroll the news from around the world **Sonos**: so cool to be able to tune in to any music station around the world or just your own music library 4. Martin likes: **Instagram**: great mix of fun, good photos and being connected **Radio.de**: listen to my favorite station all over the world **Pou**: just to have a game handy if the kids are bored and nothing else to do 5. Richard Y. likes: **WeChat**: to see what my friends are doing and stay in with touch them **Baidu Map**: so I don't get lost in cities **Garmin Connect**: to keep track of my workout 6. Tobias likes: **Facetime**: the best way to see the family, when I am not at home **Sudoku**: no Wifi, no problem **Shazam**: find That! earworm 7. Theresa likes: **Spotify**: keeps me happy and motivated all day long **Instagram**: shows me great places, decoration ideas and new sports **Dropbox**: helps me managing all data and pictures in one file 8. Daniel S. likes: **Apple Maps**: so my phone can tell me I am at N Kingsbury when I am actually at W Fulton Market. Uber: because cabs are universally bad and I'm a gambler at heart. **Netflix**: so I can have a little continuity between my time at home and time on the road. 9. Gabe likes: **Instagram**: So I can show off my bike **Spotify**: To feed my addiction to terrible pop music **Carousel**: So I never lose photos of my bike 10. Ulrich likes: **Wetter.com**: Should I cycle to work **Mobile.de**: Hysteria is a vehicle in the market **Radnetz Bayern.de**: The most beautiful cycle paths in Bavaria 11. Michael B likes: **Weather Bug**: to tell me when this rain is going to stop **Tinder**: because true love is hard to find **Google Maps**: because other things are hard too find too 12. DZ likes: **Rhapsody**: all my music in one spot, anytime, anywhere. **Whiteboard**: who doesn't need a whiteboard in your pocket? **Linkedln**: 6 degrees of separation is more like 1 now. 13. Alex likes: **Uber**...like SRAM, takes the stress out of (cab) rides **Booking.com**: Sports marketing automatically qualifies you as an amateur **Hotel critic BikeGearCal**: Because high school math was a looning time ago, and it impresses pro athletes at dinner 14. Anna likes: **Whats App**: to stay in contact with my family and friends **Facebook**: to get some news about my friends all over the world and share some parts of my life with them **Candy Crush**: to relax and to take a small break 15. Bryan likes: **AMA Supercross Live Timing**: When I can't watch it on TV or online **Concur**: Capturing and uploading receipts **The Weather Channel**: For driving, flying, pit setup and teardown, booking Tee Times 16. Evan likes: **OneNote**: Vault for all our important information anywhere in the World. **MadSkillsMX**: Simple Competitive Fun. **FlightTrack Pro**: Constantly reminds me where to be to stay on track. 17. Rebecca likes: **Facebook**: Why? Because what's better than cute dog pics & videos when you're having a tough day?! **Twitter**: Because I have to stay current with the activities of SRAM Road, SRAM Racing, Zipp, and WBR friends! 18. Simon likes: **Unit Converter**: because feet and pounds are hard to figure out for a Euro! **Vivino**: to make sense of the amazing collection of wines my dad left me **Snachat**: because no matter how patient Ross (Measures) is, I still can't use it properly 19. John D likes: **United**: Just checking the upgrade list again and again and again **The Chive**: I need get my "Life's tough get a dog" Fix... **Weather Channel**: Because Colorado is like a box of chocolates! 20. Jo Ana likes: CycleFinder: app to find bike stations Duolingo: Une app pour apprendre le français. (600+day streak!) Pinterest: app with infinity soothing puppy pix. 21. Thomas likes: **Kicker**: to get the latest news about my favorite soccer team **WhatsApp**: to stay in contact with family and friends **Alarm clock**: so I will get out of bed and will not to late at work 22. Keaton likes: **Urban Dictionary**: for the enlightening word of the day, and for those emergency definitions **World Clock**: so I know when happy hour is everywhere in the world **Unit Converter free**: so I can find out how many gallons are in that kilometer 23. Chris W likes: **Zwift Mobile Link**: So I can give a virtual wave to everyone else riding around a pretend island.. **Facebook**: So I can live vicariously through my SINK and DINK friends. **World of Tanks**: You get to drive tanks. What else do you need to know? 24. Vanessa likes: **Google Maps**: Moved to a new city where every building is a mammoth and I never have a clue where I am. I would also like to thank blue tooth headphones as the first two weeks of riding to work and back home I had to listen the soothing sounds of google lady's voice as she guided me home. **Grub Hub**: This winter was horrific. Other than coming to work I straight up hibernated. **Spotify**: The best companion you can have on road trips – Or save you from losing your mind driving in Chicago traffic (thanks Wilco radio station). 25. Brook likes: **Hootsuite**: to better respond to direct reach outs to the SRAM Social portfolio. **Facebook**: so I can see where consumers are writing us from, globally. **Instagram**: so I can spy on you. 26. Sarah W likes: **Strava**: to see just how much slower I am than everyone else **MindBodyConnect**: so I can find a yoga class after trying too hard on Strava **Line**: so I can communicate with colleagues using the weirdest emojis ever 27. Michael Z likes: **Spotify**: let it play **Weatherbug**: the best weather app that never lies **CNN**: it's almost real news 28. Jason S likes: **Instagram**: what fun I experienced **Strava**: what speed I moved **Groupon**: what deals I craved 29. Dan Lucas likes: **Instagram**: embracing the #FOMO Google Now: knows more about Siri than Siri Messages: no voicemails, please 30. Fangjie likes: **Wechat**: so that I stay in touch with everyone. **Weibo**: this is where I get news from. **Quick taxi**: when you need it, you need it. 31. Silvia likes: **Spotify**: Because music makes me a happier person **Instagram**: To collect moments, inspiration and to keep in touch with the people I like **Weather app**: Because I live in chicago :) 32. Richard S likes: **Autoguide**: Because, when it's not bikes it's cars **Radar Cast**: Always keeping an eye on the weather **The Chive**: For some pure entertainment gold 33. Carsten likes: **Facebook**: why are the latest AMA results not online yet? **Instagram**: the guys in South Africa have damn nice weather **Spotify**: to stingy to get rid of the advertisement. 34. Markus K likes: **Ebay classifieds**: to buy (old) stuff and oddities **Blogger**: to help my memory **Camera**: I do not like to carry around bulky cameras 35. Geraldine likes: **Duolingo**: My everyday 5min German class **WhatsApp**: Keep me directly connected to my friends **Weather Crave**: May the weather be in my favour wherever I am 36. Gerko likes: **GearCalculator**: to convince dealers about the ratio of 1X! **Garmin Connect**: to keep track of my rides and runs. **Twitter**: to see what is happening in the world. 37. Elmar likes: **Weather.com**: helps me to choose when and where to find the best riding conditions and how to prepare best for the ride. **Strava**: I know it's not cool anymore, but I love to compete with my riding buddies and they love it too. **Facebook**: let's face it, it's informative, keeps us connected, entertained and it's full of useless content and very often a waste of time, but we obviously can't stay away from it. 38. Racan likes: **Facebook**: to catch up with family, old high school and college friends from all over the globe **What's app**: to keep in contact with my wife and friends at no cost. As in Germany and cost money... **YouTube**: to watch the latest MTB vids.... 39. Declan likes: **Eurosport**: Keeps me up-to-date on all things European football **Facebook**: Its Facebook. I can't live without it - can't stand being on it. **Instagram**: Love seeing the great photos from all over the world from all our athletes 40. Chuck likes: **MadskillsMX2**: So I can race SRAM athletes. **Redbull TV**: So I can watch the SRAM Athletes. **DI Rinto**: So it is a great way to learn about new electronic music. 41. Tom likes: **Camera**: storytelling **The Weather Channel**: be prepared **Instagram**: a picture is worth a thousand words 42. Troy likes: **Mint**: so I can retire and surf every day while I'm still able. **Instagram**: makes lining up at airports far more bearable. **Spotify**: Life needs a soundtrack. 43. Daniel Lee likes: **Strava**: because documenting every ride, run, xc ski motivates me. **Twitter**: for info, updates and interactions about cycling & world beyond. **Headspace**: to achieve stillness and awareness. 44. Jeroen likes: **News**: to keep up to date about what happens outside the cycling industry **Spotify**: Carry my favorite music always with me **Whatsapp**: to share images, videos and ideas at any moment possible 45. Shari likes: **Starbucks**: to buy my chai tea and make me happy – I don't do this for me, I do it for the people I work with :) **Kindle**: to read. 46. Duncan likes: **Camera Plus**: to take better photos then Adrian Marcoux. **Instagram**: so I can post said photos and brag about them while stalking others. **Pandora**: because I don't have enough time to make my own playlists anymore. 47. Tyler likes: **This American life**: I spend more time riding alone or traveling and these guys can tell a story, a truly interesting story. **Houzz**: home renovations require research. This one also became an addiction... **Whitagram**: I'm a photo nerd and love white borders. 48. Dan Stefuk likes: **Instagram**: to track everywhere that SRAM has sent me **Spotify**: for all the music without all the cost of buying it **Uber**: to get to the airport and for those times I don't feel like riding in the rain 49. Jessica likes: **Jotalicious**: because if it's not on my grocery list, I won't buy it. **Strava**: because it makes each ride a mini race against your previous self **Asana**: because it allows me to manage my tasks and progress 50. Julia likes: **Facebook**: because I grew up in Texas and that's where all my family and old friends still live, I like to see what everyone is up to. **Instagram**: Another way to keep track of people, but my favorite pictures are usually from National Geographic. I like to dream of the places I will probably never get to see. **HauteLook**: Because I like to shop and how awesome is it that I can do that from my phone. 51. Sigi likes: **WhatsApp**: to stay in touch and share infos and pics with friends and SRAMies direct **Spotify Premium**: listen to music without advertising and in different mood **Facebook**: to share and read infos with all my "friends" 52. Thorsten likes: **Nike + Running**: to get an overview of my running efforts, to be in better shape than Jason and to have a secret gentlemen competition with "ta" Todd A. **Strava**: to share my small numbers of bike distance with the training-world-champions of Schweinfurt engineers to show them: "If you have too less talent you need to train 5 times more!" **LEO translation**: to increase my English language and for double check some words if I like to understand your jokes :) 53. Andre likes: **Camera app**: so I never forget the best moments. **Google maps**: always helps me to go direct! **McDonalds**: YESS, just around the corner! 54. Elayna likes: **Instagram**: to share the fun and find out what my friends are doing. **United Airlines**: to travel the globe for SRAM. **ABC Mouse**: 123 for Nico.

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Fax: +31-33-457-0200

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Fax: +886-4-2561-3686

## THESE ARE REGISTERED TRADEMARKS OF SRAM, LLC:

1:®, AVID®, BAR®, BLACKBOX®, BOXER®, DOUBLETAP®, ELITA®, FIRECREST®, FIRE®, GIGA PIPE®, GRIP SHIFT®, GXP®, HAMMERSCHMIDT®, HOLZFELLER®, HUSSEFELT®, I-Motion®, ISOFLOW®, JUICY®, OMINIUM®, PIKE®, PowerLock®, QUARQ®, REBA®, ROCK SHOX®, RUKTION®, SERVICE COURSE®, SID®, SINGLE DIGIT®, SPARC®, SPEED DIAL®, SPEED WEAPONRY®, SRAM APEX®, SRAM FORCE®, SRAM RED®, SRAM RIVAL®, SRAM VIA®, SRAM®, STYLE®, The Power of Bicycles®, TORPEDO®, TRUVATIV®, U-TURN®, World Bicycle Relief®, ZEDTECH®, ZIPP®

## THESE ARE TRADEMARKS OF SRAM, LLC:

1X™, 10K™, 29", 30", 60", 101", 202", 303", 404", 808™, 2x10", 2-Step Air™, 36 CP Technology™, ABLC™, Accelerator Damper™, Aero-Edge™, AeroGlide Pulleys™, AeroLink™, AirFree™ Bladder, Air Guides™, AirStream™ Pad Pocket, Air U-Turn™, AL-7050-TV™, AKA™, ANT+™, Argyle™, Arno™, Automatic Drive™, Automatix™, AxCad™, Bend Zone™, BB3", BB5", BB7", BB30", blaze™, Bleeding Edge™, Bluto™, BooBar™, BoxGuide™, Boost™, Brushless Motor™, Cable free™, Cage Lock™, Carbon Bridge™, Carbon Tuned™, Centera™, Centerline™, Centrifugal Clutch™, Charger Damper™, Clickbox Technology™, Code™, Connectamajig™, Contact Point Adjustment™, Counter Measure™, Contour SL™, DB™, DB1™, DB3™, DD3™, DD3 Pulse™, DebonAir™, Deep Stroke Modulation™, DESCENDANT™, Dig Valve™, DirectLink™, Direct Route™, Direct Shift™, D.i.R.T.™, Dart™, Domain™, DOT 5.1™, Double-Decker™, Double Time™, DropStop™, Dual Air™, DualDrive™, Dual Flow™ and Dual Flow Adjust™, Dual Position Air™, Dual Position Coil™, E300™, E400™, E-Connect4™, Elkir™, Elsa™, E-matic™, ErgoDynamics™, ESP Technology™, ETAP™, Exact Actuation™, Exogram™, Expandable Bladder™, Firestrike™, Fixed Coil™, FR-5™, G2 Clean Sweep™, G3 Clean Sweep™, Full Pin™, Guide™, Gutter Seal Technology™, GX™, Hard Chrome™, Heat Sensor™, High Speed CAN bus™, HollowPin™, Hot Rod™, Howitzer™, HSX™, HST™, Hybrid Drive™, HYDRO R™, i-3™, i-Light™, Integrated Reservoir™, Integrated Shift™, Jaws™, Jounce Bumper™, Kage™, Komfy™, Lever Pivot Bearings™, Long Travel Dual Air™, Long Travel Solo Air™, Lyrik™, MatchMaker™, MatchMaker™ X Integrated, MatchMaker™ Compatible, Maxle 360™, Maxle Light™, Maxle Stealth™, Maxle Ultimate™, Micro Gear System™, Mini Block™, Mini Cluster™, Mission Control™, Monarch™ & Monarch Plus™, Monoblok™, Motion Control™, MRX™, noir™, OCT™, OmniCal™, OneLoc™, Open Glide™, Overdrive™, Paragon™, PiggyBack™ Reservoir, PopLoc™, Power Balance™, Power Bulge™, PowerChain™, PowerDomeX™, Powered by SRAM™, PowerGlide™, PowerLink™, PowerMeter Pro™, Power Reserve Geometry™, Power Spine, Predictive Steering™, PressFit™, PressFit 30™, Pure Bladder™, PushLoc™, Galvin™, RAIL™, Rapid Recovery™, Rapid Rollback™, R2C™, Reach Adjust™, Recon™, RedRum™, reverb™, Revelation™, Riken™, Rim Wrangler™, RISE™, ROAM™, Roller Bearing Clutch™, Rolling Thunder™, RouEuroper™, RS-1™, S27™, S30™, S40™, S60™, S80™, Sag Gradients™, SCT - Smart CoasterBike Technology™, Seeker™, SEKTOR™, SHIFT™, ShiftGuide™, Shorty™, Showstopper™, Si3N4™ ceramic bearings, Side Swap™, Signal Gear Technology™, SINGLE DIGIT® SL™, SLC2™, SL-70™, SL45™, SLSPEED™, SL Sprint, Smart Connect™, Solo Air™, Solo Spoke™, Speedball™, Speed Lube™, SPEED DIAL®, Speed Metal™, SRAM P5™, SRAM S7™, SRAM T3™, SRAM TRX™, SRAM X.0™, SRAM X.5™, SRAM X.7™, SRAM X.9™, S-Series™, StealthRing™, Step2™, STIAD™, Sub-9™, Super-9™, Supercork™, Superlight™, Supertech™, SwingLink™, TaperBore™, Taper Core™, Timing Port Closure™, TPC Plus™, Tora™, Tool-free Reach Adjust™, Top Loading Pads™, Totem™, Travel Gradients™, Tri-Align Caliper Position System™, Turncoat™, Turnkey™, UST Tubeless™, VCLC™, Vivid™, Vivid Air™, Vuka Aero™, Vuka Alumina™, Vuka Bull™, Vuka Clip™, VukaR2C™, Vuka Sprint™, Vuka Stealth™, Wide Angle™, WiFLU™, X9™, X7™, X5™, X-Actuation™, XC™, X-Dome™, XD Driver Body™, X-Glide™, X-GlideR™, X-Horizon™, XLoc SPRINT™, XLoc Full Sprint™, X01™, X1™, X0™, X-SYNC™, XX™, XX1™, XX Motion Control™, Yaw™, Zero Loss™

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