

SRAM EAGLE AXS™

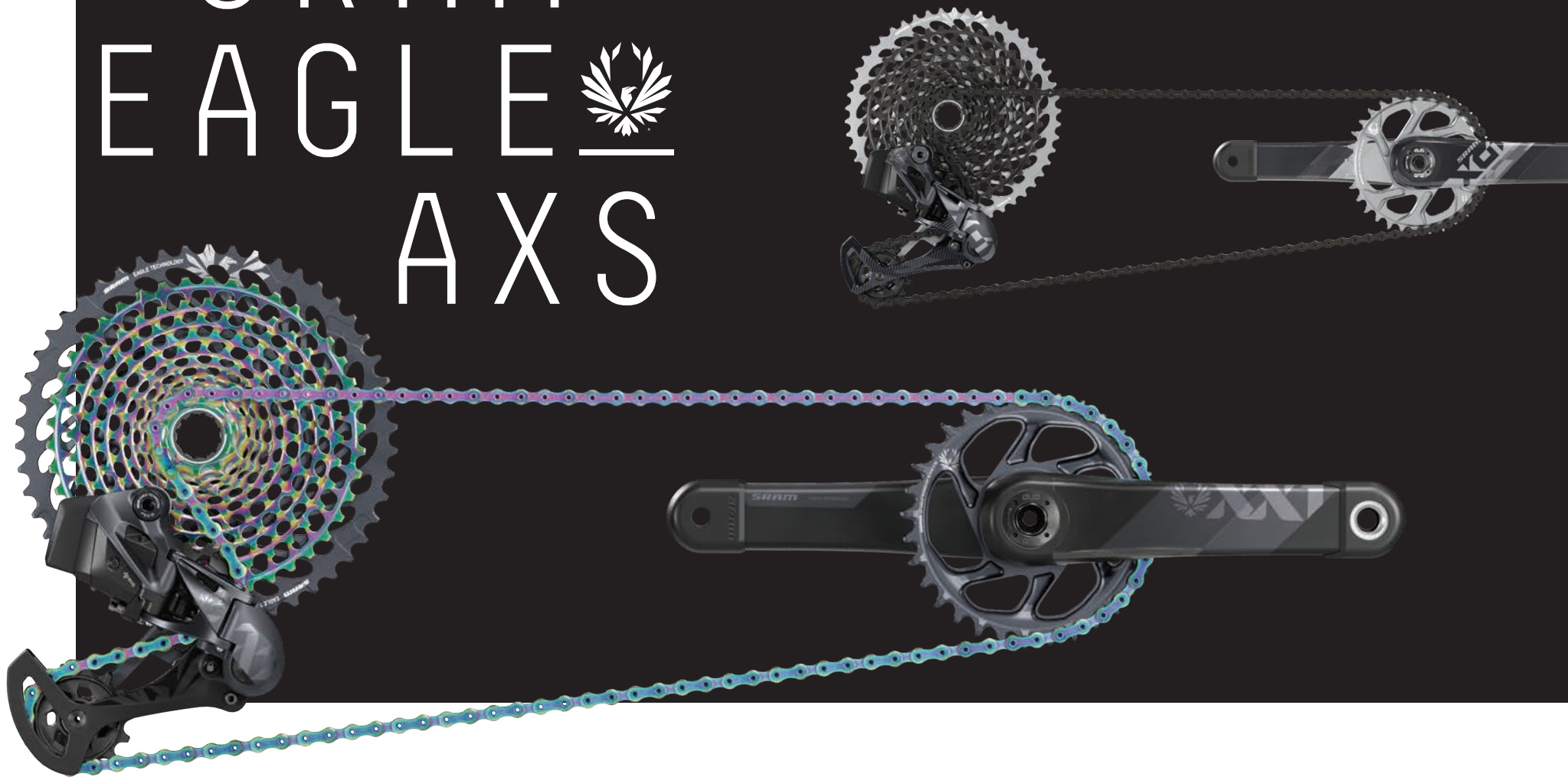
FAQ

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SRAM®

SRAM EAGLE AXS



How do you pronounce the AXS™ portion of the groupset name?

AXS™ is pronounced the same as the word, “access.”

What are the main benefits and key features of Eagle AXS™?

- Wireless electronic shifting with engineered hardware for a new ergonomic experience based on touching a button rather than pushing a lever.
- Giving you faster, more consistent shifts. Letting you shift when you want, under load, without ever having to plan around terrain.
- Gathering useful data, telling you how many shifts have been made, how frequently each cog is being used, helping you make smarter choices on chainring size, and more.
- Eagle™ is a complete drivetrain system that was developed to be an integrated high-performance ecosystem. The engineering and testing that went into the development provide for maximum performance, safety, and long-term durability to ensure a great consumer ride experience. We guarantee this performance when Eagle™ drivetrains are used as a complete ecosystem.

How much does the group cost?

Component Description	MSRP
SRAM X01 Eagle AXS™	\$1900 / €2000 / £1900
SRAM XX1 Eagle AXS™	\$2000 / €2100 / £1950

What is the weight of the drivetrain?

Almost exactly the same as mechanical XX1 Eagle™. The net weight for a complete ready-to-ride XX1 Eagle AXS™ drivetrain is approximately 5 grams lighter than mechanical XX1 Eagle™. X01 is approximately 15 grams lighter for AXS™. It should be noted that XX1 Eagle AXS™ is 75-80 grams lighter than 1st generation (11spd) XX1.

What is included when I purchase Eagle AXS™?

Cranks (w/ Chainring), Derailleur (w/ battery), Controller (w/ clamp), Cassette, Chain, Charger/Cord, Chain Gap Tool

When is SRAM Eagle AXS™ available for retail aftermarket purchase?

We will begin providing product to the market in February 2019.

Are there different color variants available?

SRAM X01 Eagle AXS™ will be available in Black/Polar colorway. SRAM XX1 Eagle AXS™ will be available in Rainbow colorway.

Are there any differences to the cassette from mechanical Eagle™?

The performance, features, and durability of the cassettes used for Eagle™ AXS are the same as our proven XX1 Eagle™ and X01 Eagle™ cassettes today. There are new colorways offered in similar high performance coatings for XX1 (Rainbow) and X01 (Black/Polar) Eagle AXS™.

Can I fit SRAM Eagle AXS™ to any mountain bike and what are the compatibility requirements for Eagle AXS™?

All bikes and frames compatible with Eagle™ today will be compatible with Eagle AXS™. SRAM AXS™ drivetrains will be compatible with almost all recent and current standards. Eagle AXS™ requires an XD™ driver body for cassette installation, just like the majority of our current 1x drivetrains. Eagle AXS™ cranksets use SRAM DUB™ bottom brackets, compatible with almost all current BB standards.

How does SRAM Eagle AXS™ connect and integrate with other wireless components that SRAM makes?

All AXS™ components can connect to one another using our proprietary encrypted wireless network. The AXS™ app is used for personalization of the component controls and to serve as a single access point for all SRAM AXS™ connected products. Additional connectivity included with AXS™ is ANT+ and Bluetooth.

Does SRAM Eagle AXS™ have smartphone connectivity?

AXS™ components have Bluetooth connectivity through the SRAM AXS™ app. If there is a firmware update, it can be handled through the app. There is no dongle.

Can I assign different functions to the buttons (e.g. move the derailleur outboard with a left shifter click)?

Controller touchpoints are totally customizable to your preferences, allowing you to choose which paddle does what through the AXS™ app. Choose from three functions: Inboard shift. Outboard shift. Dropper. Yes, use one of the touchpoints to control your electronic Reverb AXS™ dropper seatpost.

How do I know if my battery is low? What are the charge levels and how many hours of riding can I expect to get on a full charge?

Checking battery life is easy: press the button on the Shifter. Green light means it's at or close to full charge. Red light means it's at or close to half charge. And flashing red means charge it up. The battery will last approximately 20 hours or more of riding time. To prolong battery life, the system goes to power save mode when the bike is stationary.

Can I change shifting modes or settings without using the app?

All that's needed to get riding is to mount the Eagle AXS™ drivetrain, pair it and get out there. The AXS™ app is only needed for further personalization or to gain access to the data the system has accumulated. The AXS™ app is the built-in componentry software that makes it possible to both program and personalize Eagle AXS™ to your specifications. Letting you adjust and personalize controller assignments for shift commands and your electronically activated Reverb AXS™ dropper post right from your mobile – to make it exactly how you want it.

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What prevents an AXS™ groupset on one bike from wirelessly interacting or interfering with an AXS™ groupset on another bike?

SRAM AXS™ uses a fully encrypted, secure and proprietary SRAM wireless protocol that has been proven in the real world in our road drivetrain applications and more recently on the World Cup circuit.

Do I need to do anything different when washing a bike with AXS™ components?

While AXS™ components can withstand pressure washing and submersion, each component should be treated the same way you would treat ball bearing equipped components such as a hub, headset or bottom bracket. That is, avoid blasting water directly at the seals between the derailleur and battery, derailleur pivot points, or at junction points between component subassemblies.

Is SRAM AXS™ Waterproof?

The Eagle AXS™ system is completely water and dust proof to the IP69K international standard. Initially developed for construction vehicles and food sanitization, the IP69K standard validates systems that require regular pressurized cleaning. For a mountain biker, it means no hesitation to head out when the weather looks less than ideal.

SRAM Eagle AXS™

CONTROLLER



What type of batteries do the new Eagle AXS™ controller require?

One CR2032 watch battery - commonly found at retail outlets. The power save mode in the controller wakes up after a single touch to save battery when not in use. The lifespan of this battery is significant - 2 years or more is common.

How many hours of riding can I get from a fully charged AXS™ derailleur battery?

Approximately 20 hours of ride time or more. The battery weighs 25g and is detachable with a single clip. It's also "hot swappable" if needed – from Eagle AXS™ derailleur to your RockShox Reverb AXS™ seatpost or even your SRAM RED® or Force eTap AXS™ road group. And it only takes an hour to charge.

Are there any auxiliary buttons on the controller with unassigned functions that can be used to control other wireless components or perform special functions?

The pairing button located on the bottom of the controller handles two tasks. One, it pairs with the derailleur and you can reference the pairing instructions/video for more. Two, the function of the pairing button is to trim the rear derailleur (taking the place of the barrel adjuster) see the adjust/trim instructional video for more.

Are SRAM RED eTap AXS™ shift levers compatible with Eagle AXS™ rear derailleurs?

Yes. All AXS™ components can connect to one another. You can use SRAM RED eTap AXS™ shift levers to build a drop bar bike with an Eagle AXS™ drivetrain. The Eagle AXS™ drivetrain is also compatible with the road Blip Box and control buttons.

SRAM Eagle AXS™

CRANKSET



What is the Q factor on Eagle AXS™ cranks and is it different to current Eagle?

The Q factor for Eagle AXS™ cranks is the same as the current Q factor for our DUB™ cranksets. Different chainlines are available for compatibility specifications.

Is there an Eagle AXS™ power meter crank?

No.

Has chainline changed with Eagle AXS™ and what chainlines are available?

The available chainlines for Eagle AXS™ are 49.0mm, 52.0mm, 56.5mm

What bottom bracket interface standards are the new Eagle AXS™ cranksets designed to work with?

Eagle AXS™ cranksets use DUB™ technology. The available BB's to suit frame specifications are:

DUB BSA73 SB+

DUB PF92 SB+

DUB BSA73

DUB PF89.5

DUB PF92

DUB PF30 MTB73

DUB BB30 MTB73

SRAM Eagle™

CHAINRINGS



What chainring size options do you offer with SRAM Eagle AXS™ Groupsets?

Aftermarket complete group sets will come equipped with a 32T chainring on X01 Eagle AXS™ and a 34T chainring on XX1 Eagle AXS™. Aftermarket Eagle chainrings will be available in 30T, 32T, 34T, 36T, 38T.

Will additional chainring size options be added later?

SRAM is always working on new product designs but does not comment on products that may be in development.

Is there an oval chainring option?

We currently have an Eagle™ oval chainring which is compatible with AXS™. The colourway is different to AXS™ specific colorways.

What size and type of tool is required to remove SRAM Eagle AXS™ 1x chainrings from the crank spider?

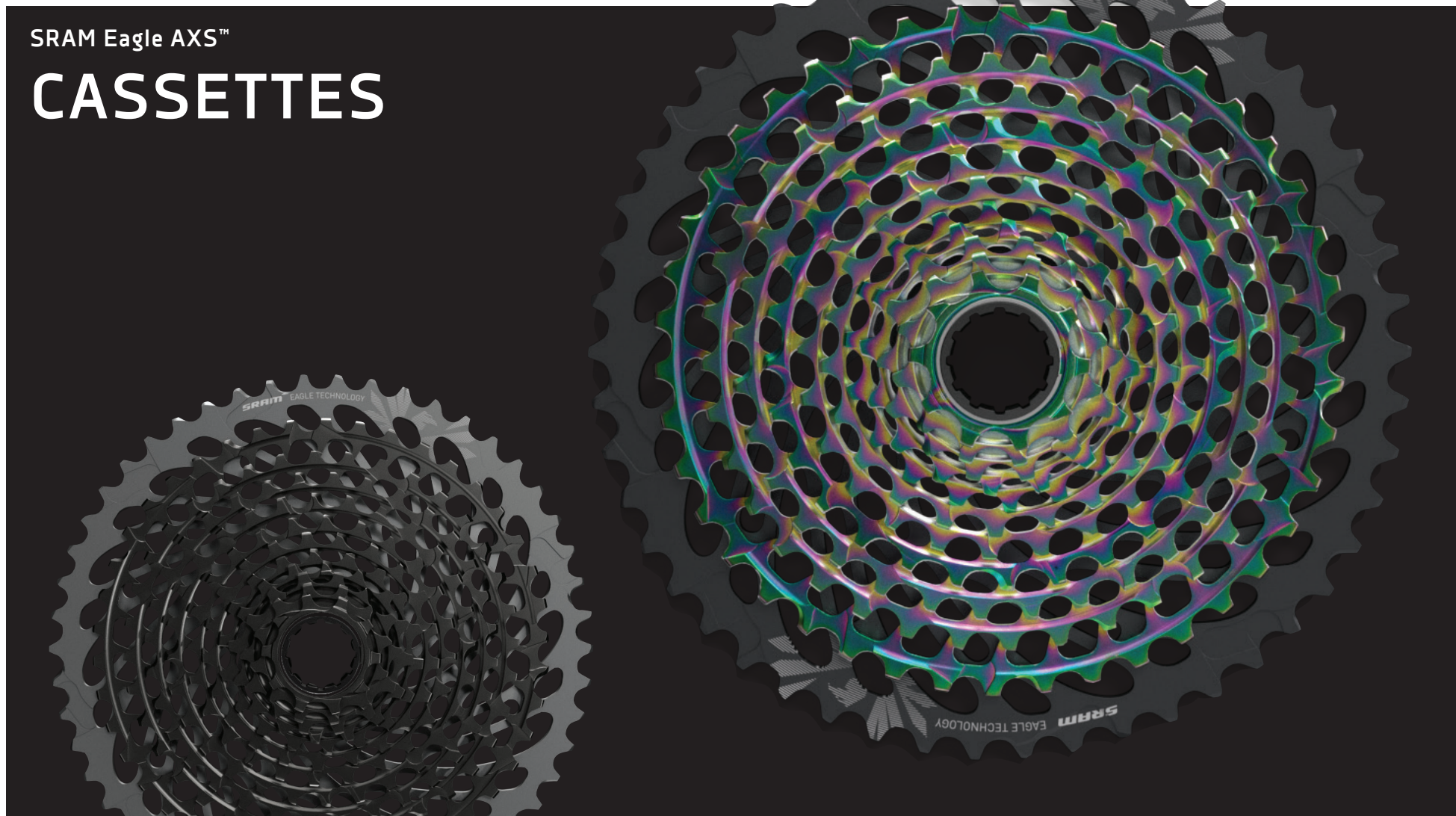
Use a T25 torx key to remove the three bolts holding the direct mount chainring to the crankset.

Will a SRAM Eagle AXS™ chainring last longer than a current Eagle chainring??

The performance, features, and durability of the X-SYNC™2 chainrings used for Eagle AXS™ are the same as our proven XX1 Eagle™ and X01 Eagle™ chainrings today.

SRAM Eagle AXS™

CASSETTES



What cassette size ranges do you offer for Eagle AXS™?

SRAM Eagle AXS™ uses the X-DOME Eagle™ cassette with a 10-50T gear range. A cassette with a proven track record of performance, features and design.

What type of freehub body is required for Eagle AXS™ cassettes?

An XD™ driver body is required for Eagle AXS™ cassette compatibility.

Is a special cassette tool required to install or remove SRAM Eagle AXS™ cassettes?

No. These cassettes require a standard HG-style cassette tool with a 7-8mm spline depth.

Is there a cassette available with an 11-tooth start so I don't have to change the driver on my rear wheel to XD™?

SRAM offers a PG-1230 Eagle™ cassette which utilises the HG splined driver body interface. This is compatible with all of our Eagle™ drivetrain parts as part of the Eagle™ ecosystem. However, for optimum performance the XG-1295 and XG-1299 cassettes are used in the Eagle AXS™ offering.

Are special chain tools, chain pliers, or chain whips required to work on Eagle AXS™ drivetrains?

The Eagle AXS™ B-gap tool is used to set the correct position for the AXS™ derailleur. It should be noted that the AXS™ B-Gap tool is different than the current Eagle™ B-Gap tool and they are not compatible. The majority of standard and professional tools will work on Eagle AXS™ drivetrains. Care should always be taken to ensure the tool is fully compatible with each component - this can be found on tool manufacturers specifications and websites.

SRAM Eagle AXS™

CHAIN



What chain lubes do you recommend for new AXS™ chains?

SRAM Eagle AXS™ chains use commonly available bicycle chain lubes and are compatible with the same lubricants as our other chains.

Will a new SRAM RED AXS™ road chain work on a SRAM Eagle™ drivetrain?

No. SRAM EAGLE™ chains and SRAM RED AXS™ chains have different dimensions and are not cross compatible. The derailleur, cassette and chain should always “match”. When using an Eagle™ cassette or derailleur, use a matching Eagle™ chain. When using a SRAM RED® cassette and derailleur, use a SRAM RED® chain.

How does the new Eagle AXS™ chain lifespan compare to SRAM's current XX1 Eagle™ chain?

The Eagle™ chain architecture and design is the same so durability and lifespan are also the same.

How do I size a chain for a 1x SRAM Eagle AXS™ drivetrain?

Wrap the chain around the chainring and largest cassette cog, bypassing the rear derailleur. For hardtail bicycles, add two inner links and two outer links where the chain starts to overlap for a proper length of chain for your Eagle AXS™ drivetrain.

For full suspension bicycles, in order to size the chain, first compress the rear shock to the point in the travel where the rear axle is farthest from the bottom bracket. Deflate or remove the rear shock if necessary. Add one inner link and one outer link where the chain starts to overlap for a proper length of chain for your Eagle AXS™ drivetrain. See the user manual for installation for full details on the SRAM website service link.

Are SRAM Eagle AXS™ PowerLocks® different from SRAM RED eTap AXS™ 12-speed PowerLocks®?

Yes they are. Eagle™ PowerLocks® can be easily differentiated from Flattop™ eTap AXS™ PowerLocks®. Eagle™ PowerLocks® have the word, “Eagle” stamped on the side.

Can a SRAM Eagle AXS™ PowerLock® be installed and uninstalled repeatedly, or does it need to be replaced with a new PowerLock® after being removed one time?

PowerLocks® are one time use only. If they are repeatedly installed and uninstalled the PowerLock® installed position will become less secure.

What surface treatment/coating is SRAM using on new Eagle AXS™ chains?

The RAINBOW chain and cassette finish is PVD Titanium Nitride.

SRAM Eagle AXS™

REAR DERAILLEUR



What is the max cog size that is compatible with Eagle AXS™ rear derailleurs?

50T. Eagle AXS™ derailleurs are designed to be used only with Eagle™ 10-50T cassettes.

What type of clutch mechanism does the Eagle AXS™ derailleur use? Is it the same as the new SRAM RED eTap AXS™ derailleur?

The Eagle AXS™ derailleur uses a Type-3 Roller Bearing Clutch with a proven track record from our current Eagle™ offerings. It is not the same as the SRAM RED eTap AXS™ derailleur Orbit™ fluid clutch.

What's the difference between the roller bearing clutch and overload clutch?

Eagle AXS™ derailleurs use both our Type-3 roller bearing clutch and Overload Clutch. Type 3 roller bearing clutch is used to control cage movement and chain management. The Overload gearbox clutch protects the derailleur's wireless motor in the event of impact.

Why doesn't Eagle™ use the new Orbit fluid clutch instead of the roller bearing clutch?

Our proven Type 3 clutch is utilised in this product because of its track record of success and dependability. Road rear derailleurs have a different dynamic than MTB derailleurs and do not require the exact same chain retention specifics.

What is the Overload Clutch?

The Eagle AXS™ derailleur is smart enough to protect itself thanks to its incredibly resilient Overload Clutch. In the event of an impact, the motor gearbox disengages, giving the derailleur freedom to move, and instantly returns back to its position for a seamless experience for the rider. The primary purpose of the Overload Clutch is to protect the derailleur shift motor, but it serves to protect your derailleur and derailleur hanger from damage as a by-product. A very helpful by-product.

How robust is the Eagle AXS™ derailleur?

Several design features increase the robustness of the Eagle AXS™ derailleur. The gearbox and motor clutch, the shorter cage, more chain wrap, and more precise shift control all add to a more durable system. We also have extreme water and dust proofness built into all our AXS™ components.

Are 11-speed SRAM RED eTap™ derailleur batteries compatible with Eagle AXS™ and SRAM RED eTap AXS™ derailleurs?

Yes. Both groups use the same batteries.

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THANK YOU