



PLAY ON REPEAT

SPECTRAL:ON

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YOU FULLY CHARGED

THE SPECTRAL:ON

Can you have your cake and eat it too? Can you build a balanced and playful e-MTB that is an absolute ripper on the downhill yet still packs a serious motor and a huge battery capable of running laps all day? With the relaunch of the full-carbon Spectral:ON in 2022 we were pretty damn sure we did exactly that. Now, one year on, after thousands of miles, hundreds of hours of riding and tons of glowing reviews, we know we did.

From rapid afterwork laps to epic weekend sessions, the Spectral:ON tears up more trail in less time. The lightweight frame and playful geo coax out grins on even the grimmest days and the industry-leading power plant means you finish the ride, not your battery. For 2023, we've taken the opportunity to do more test riding and make those little tweaks to make the Spectral:ON that much better. Because there's nothing finer than getting out for a big ride on a lively bike that gives you confidence on the downhill, and all but eliminates range anxiety – a bike that makes you want to play on repeat.





TOUGHEN UP

Both the Spectral:ON CF and CFR are rated to our trail-tested Category 4E. Just shy of the huge huck capabilities of the Torque:ON CF, these frames can handle nearly any trail and share the same rating as the Strive:ON, and that bike was built to handle e-enduro races. The carbon layup of the bikes allowed us to keep the frame as lightweight as possible while increasing stiffness in critical sections like the seatstay bridge. Aside from the obvious benefit of getting to pedal a lighter and more efficient e-MTB, the increased stiffness seriously improves handling precision for when you hit gnarly trails going full gas.



POWER PLAY

The Spectral:ON isn't the slackest or longest e-MTB and it's all the better for it. It's perfectly placed between the Neuron:ON and Strive:ON as an aggressive and playful trail all-rounder that is fun and lively to ride but can still dabble at race paces. While some riders will want the super long and slack geo numbers, where the Spectral:ON shines is how nimble and poppy it is for an e-MTB. What it lacks in full-speed stability it more than makes up for in fun factor.

And it really doesn't lack much in high-speed confidence. For a balanced and centred feel on steep descents, the frame offers a relatively long reach, slightly slack headtube angle and long chainstays, while a short seat tube lets riders use longer dropper posts for easy maneuverability on downhills. This all works to maintain the Spectral:ON's lively ride quality while increasing composure through steep and sketchy sections.

FRAME SIZE	S	M	L	XL
SEAT TUBE LENGTH (MM)	420	440	460	480
TOP TUBE LENGTH (MM)	589	613	637	663
HEAD TUBE LENGTH (MM)	115	125	135	145
HEAD TUBE ANGLE (°)	65	65	65	65
SEAT TUBE ANGLE EFFECTIVE (°)	76	76	76	76
SEAT TUBE ANGLE ACTUAL (°)	72,3	72,6	73	73,3
REFERENCE SEAT HEIGHT (MM)	720	760	800	840
CHAINSTAY LENGTH (MM)	440	440	440	440
BB OFFSET FRONT (MM)	36	36	36	36
WHEELBASE (MM)	1194	1223	1252	1281
STACK (MM)	642	651	660	668
REACH (MM)	435	460	485	510
SPACERS (MM)	20	20	20	20
STEM (MM)	45	45	45	45
HANDLEBAR WIDTH (MM)	760	780	780	780
CRANK ARM LENGTH (MM)	165	165	165	165
SEATPOST DIAMETER (MM)	30,9	30,9	30,9	30,9
DROPPER TRAVEL (MM)	125	150	170	170



PLUG N CHUG

Charging up the Spectral:ON is hassle-free, on or off the bike. The battery uses a Rosenberger magnetic charger plug that self-locates and locks in. Charging the battery on the bike is as easy as flipping open the waterproof charge port cover and letting the magnetic charger plug snap into place. A built-in charge indicator on the battery housing helps you gauge the remaining charge, even when the battery is disconnected.





DROPPING WATT BOMBS

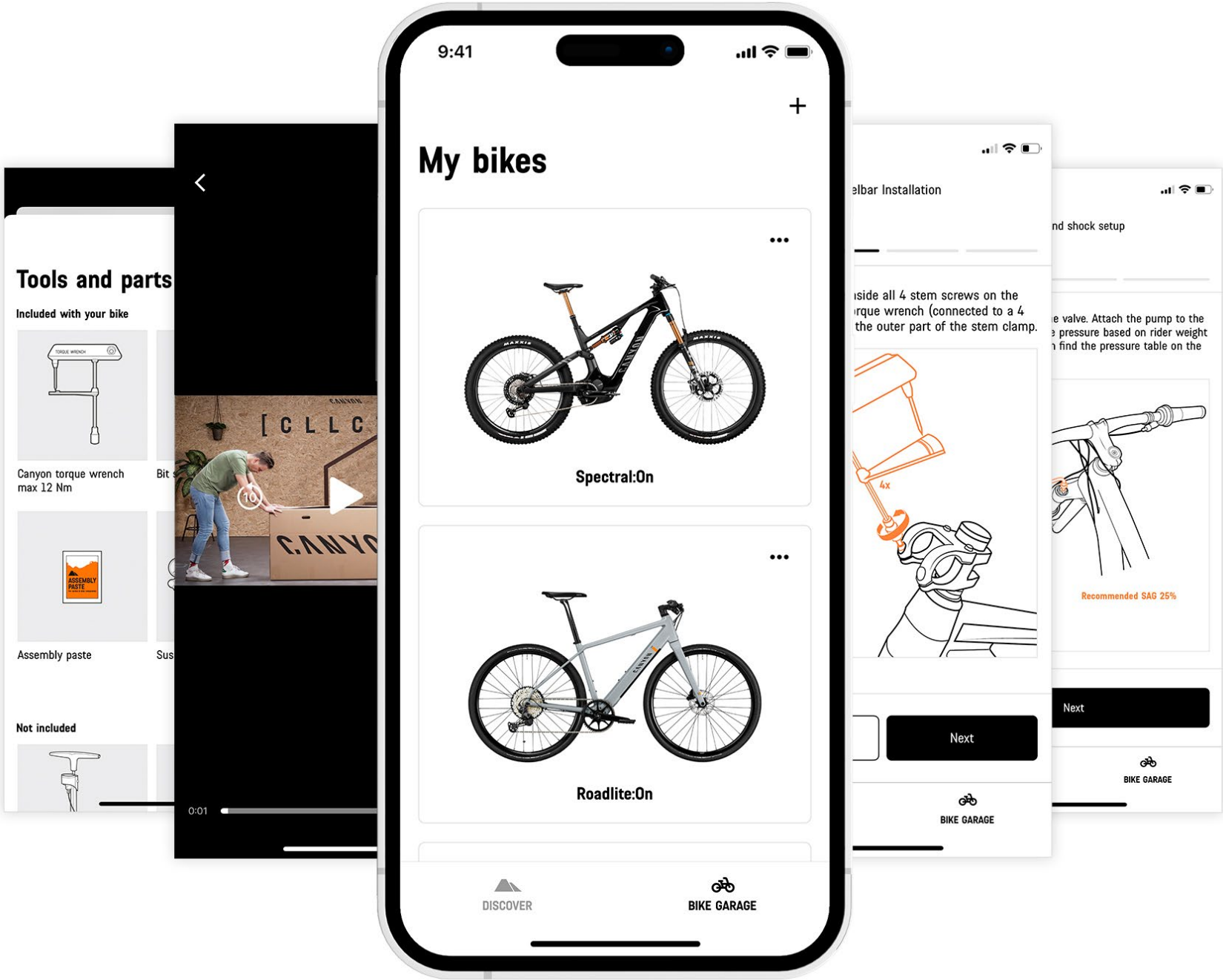
There's a reason the Shimano EP8 is one of the most popular motors out there. The compact, lightweight motor clocks in at 2.7 kg yet still packs a huge 85 Nm of mx torque. The newest version of the motor, codenamed EP801, has improved heat management to reduce drops in performance during long climbs and delivers power at higher RPMs than ever before. The headline stat is the new motor can deliver a massive 600 watts of peak power to the pedals. Steep technical climbs suddenly don't seem so steep anymore.



TRAIL CONNECTION

Whether you're logging miles ridden and vert crushed or just keeping tabs on your baby, the GPS function of the Spectral:ON has got you covered. The new Canyon app connects to the IOT Module integrated into the 2023 Spectral:ON logging the location of your bike and can even send an alarm notification if your bike gets tampered with. The GPS locator even stays enabled if the bike's battery dies.

Alongside the GPS feature, the Connected App also has your back right from setup, through to service and support. Spare parts, user guides, service and assembly videos, as well as all the tech details about your pride and joy are just a touch away.



WE SWEAT THE SMALL STUFF

The Spectral:ON is packed with clever features that make riding that little bit better. A custom skid plate guards the motor and chainring, while our Canyon:ON bar and stem tidy up the cockpit by concealing cables. Double sealed bearings with a proprietary grease fill keeps your swingarm swinging smoother for longer. Plus, our Quixle thru-axle design enhances stiffness and simplifies wheel removal without tools.





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