

FLETCHER, N.C. – January 10th, 2017. Cane Creek Cycling Components is very proud to introduce the newest product to the Double Barrel family, the DB AIR [IL]. Three years in the making, the DB AIR [IL] is the next evolution of the most advanced inline shock. Launched in 2014, the Cane Creek DBInline was a leap forward in mountain bike suspension technology that was revered as a game changer to the industry. However, we acknowledged the need for a big jump in reliability. With the development of the DB AIR [IL], we have brought forth great advancements in our design and manufacturing processes, all in an effort to make our shocks more robust compared to the previous generation of in-line Double Barrel technology. These successful advancements that were used to create the DB AIR [IL] have also been employed into the new 2017 DBInline and DB COIL [IL] shocks, ensuring increased reliability across the entire in-line Double Barrel shock family. For detailed descriptions of these advancements and added features please refer to the DB AIR [IL] product profile below. DB AIR [IL] is available for purchase and shipment now.



In addition to the DB AIR [IL], Cane Creek Cycling Components is also introducing two new handle bar remote systems for 2017:



The OPT climb switch handlebar remote – allows handlebar access and optimized control to the climb switch function of any DB AIR [IL], DB COIL [IL], and DBInline shocks. OPT's mechanical cable design was intended to keep the remote simple and reliable. OPT has two different mounting options to cater to several types of shock mounting orientations. To learn more about the OPT climb switch remote please refer to the OPT product profile below. OPT will be available for purchase and shipment February 1st.



The DROPT dropper seat post remote – designed with OPT in mind, is a universal remote that is compatible with any cable actuated dropper seat post. DROPT can be easily mounted on the same handlebar clamp with OPT to reduce handlebar clutter, and holds several adjustment features to create the ideal dropper post handlebar set up for all types of cable orientations and requirements. To learn more about the DROPT dropper seat post remote please refer to the DROPT product profile document below. DROPT will be available for purchase and shipment February 1st.



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Reliability and performance redefined.

OBJECTIVE

Build off of the core technologies of Double Barrel suspension to offer a new inline twin-tube shock featuring greater reliability and performance.

BIKE TARGETS

Trail, All Mountain, and Enduro bikes with 100 – 160mm of travel.

ENHANCED RELIABILITY

The next evolution of the most advanced inline shock.

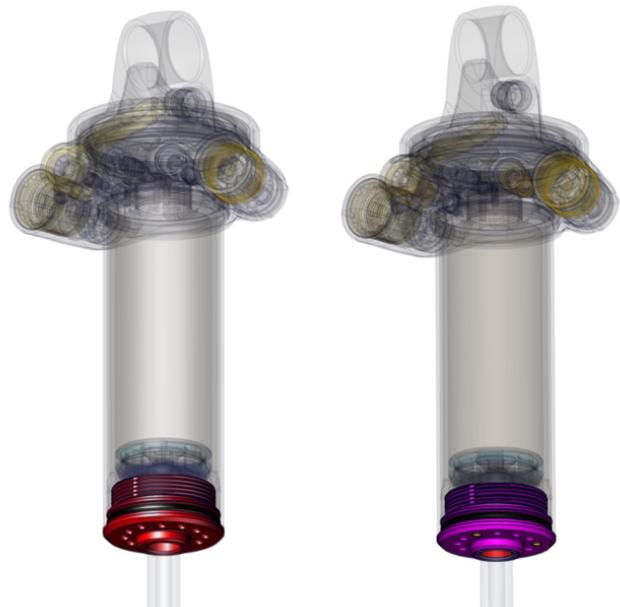
Launched in 2014, the Cane Creek DBINLINE was a leap forward in mountain bike suspension technology that was revered as a game changer to the industry. Building on this legacy, we realized new opportunities for enhanced reliability. With the development of the DBAIR [IL], we brought forth great advancements in our design and manufacturing processes, all designed to make our shocks more robust compared to the previous generation.

These same advancements have been employed into DBINLINE shocks and include the following:

Oil Seal Head Redesign.

For consistent performance, the DBAIR [IL] features a completely redesigned oil seal head. In air shocks, this critical component separates the damping oil from the air spring. The continual compression and rebound damping action along with seal friction on long descents generates a large amount of heat, which is then insulated by the air spring.

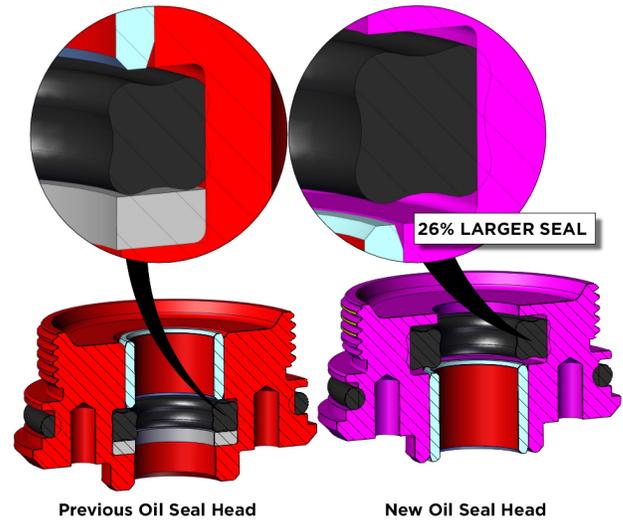
To combat this assault, our new oil seal head features a specialty quad ring made of a high-performance synthetic rubber material that is far more resistant to heat and compression set, (the tendency for an elastomeric material to relax over time) and is 26% larger than the previous design, which provides better sealing under adverse conditions.



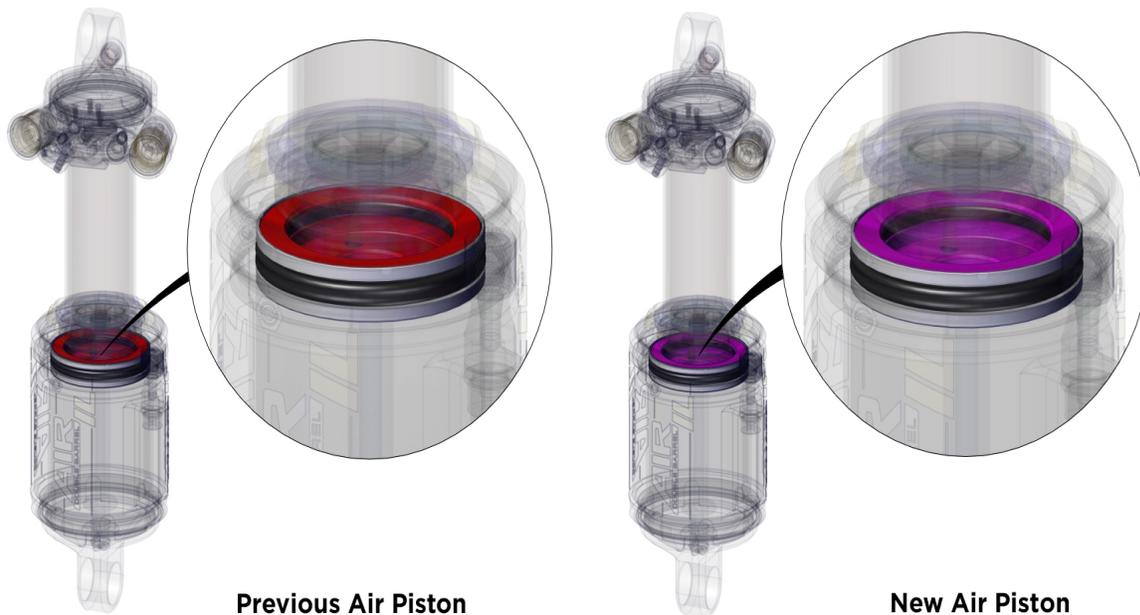
Previous Oil Seal Head

New Oil Seal Head

Made of an advanced material, it is more durable and smoother than standard seals. The shaft bearing has also been redesigned to improve shaft to seal alignment.

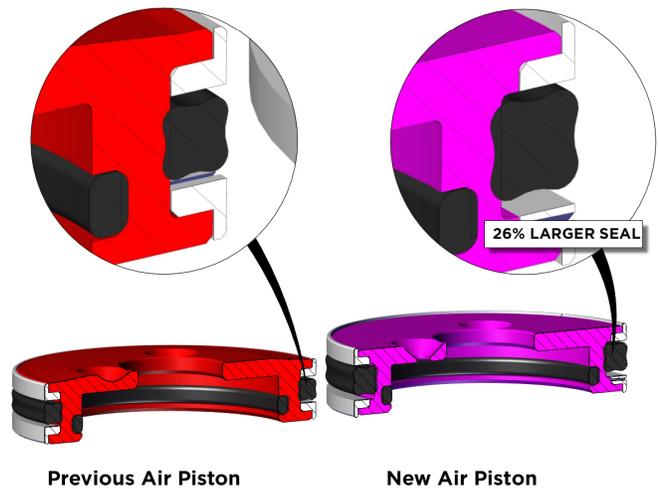


Reconfigured Air Piston. A common disorder with air shocks is the tendency for seals to leak. Our engineering team addressed this on two fronts with a more robust air piston that features an upgraded seal.



The first step was to make the seal 26% thicker so that it would be able to maintain better contact with the sealing surface. The second step was to change the material to one that is tougher (more cut and tear resistant), as well as more wear and heat-resistant. This seal also has lubricants embedded in the material

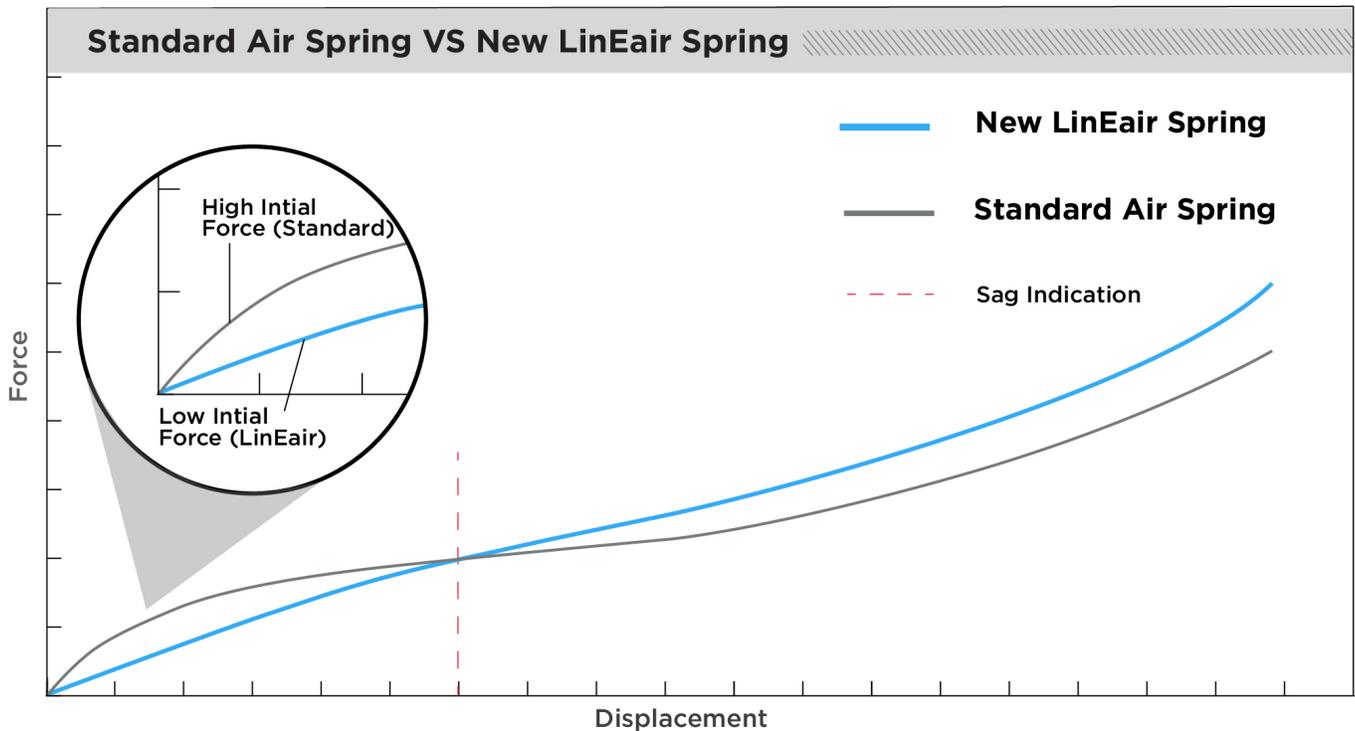
itself that reduce friction and wear and further reduce the probability of seal damage. The end result is greater flexibility for the shock to meet the demands of any trail.



FEATURES

The DBAIR [IL] has the extraordinary damping system and unparalleled adjustability that Double Barrel shocks are known for and embodies Cane Creek’s patented (CS) climbing system within compact shock architecture. The fully loaded functions of the DBAIR [IL] far outstrips other inline shocks and now offers even greater reliability and performance to unleash the full potential of trail and enduro bikes.

- LinEair Spring.** The DBAIR [IL] is the first shock to feature Cane Creek’s LinEair Spring. Requiring a lower force to activate, the LinEair Spring provides the consistent feel of a coil shock from the initial stroke, full support during mid stroke and the added bonus of a progressive air spring curve when deep in the travel. The result is the best of both worlds, an air shock that feels more supple, linear and seamlessly supportive throughout its travel.



- Twin-Tube Design.** Setting the DBAIR [IL] apart from other inline shocks, oil circulates continuously through externally adjustable shock valves. Twin-tube shocks have two main chambers, a compression chamber and a rebound chamber, separated by the adjustable valves. The main damping piston forces damping oil between the compression and rebound chambers via the externally adjustable damping valves. Compared to other shocks in its class, Cane Creek inline shocks use significantly more oil in the damper; 40-50% more oil. On the trail, this routing of oil translates into less fade, more control, and greater consistency.
- Four-Way Independent Adjustment.** The DBAIR [IL] offers an unparalleled range of adjustability through external adjusters that independently control each phase of damping without crossover effects. Other inline shocks typically provide the user with a single rebound adjustment or rebound combined with limited pre-set low-speed compression. The easy tunability of Double Barrels means a rider can make a quick trail-side change, increasing pop, plushness, or other features for personalized fine tuning. For added ease of set up, Cane Creek offers DIALED, a free mobile app to turn your smart phone into a tuning expert.
- Patented* Climb Switch (CS) Technology.** CS shocks have four low-speed damping circuits and two high-speed damping circuits. When engaged, the low-speed damping is changed via a set of internal "climbing circuits". Cane Creek tunes these circuits specifically for the demands of off-road climbing to achieve improved pedal efficiency with less chassis motion. Unlike other climbing platforms, Cane Creek's CS feature adjusts both low speed compression and rebound. *US Pat. 9228630.



Performance and Reliability Redefined

Introducing the DBAIR [IL], an all new twin-tube inline shock with superior performance and reliability. The first shock to feature Cane Creek's LinEair Spring, the DBAIR [IL] is the best of both worlds, an air shock that feels more supple, linear and seamlessly supportive throughout its travel.

When developing the DBAIR [IL], our engineering team brought forth great advancements in our design and manufacturing processes, all devised to make our shocks more robust compared to the previous generation. The fully loaded functions of the DBAIR [IL] far outstrips other inline shocks and now offers even greater performance and reliability to unleash the full potential of trail and enduro bikes.

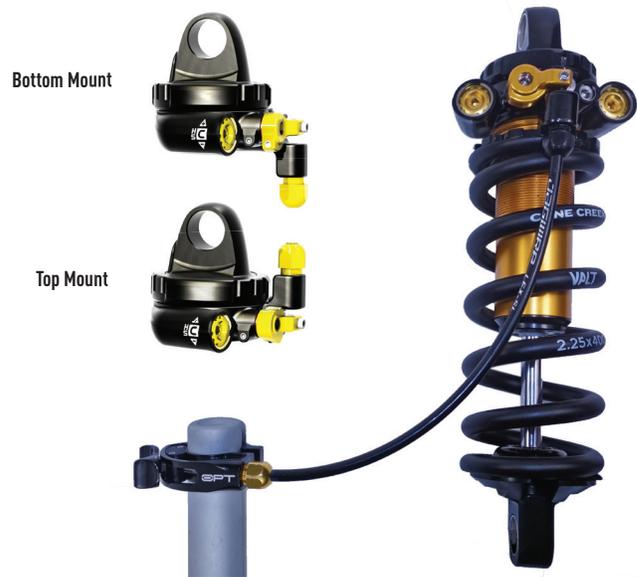
DBAIR [IL] FEATURES:

WEIGHT	335grams (165mmx 38mm no hardware)
DAMPING	Twin-tube independent compression & rebound in two high-speed and four low-speed damping circuits
ADJUSTMENTS	Four-way independent adjustment: <ul style="list-style-type: none"> • High-speed compression • Low-speed compression • High-speed rebound • Low-speed rebound • Climb Switch On/Off
FINISH	Anodized and laser-etched
LENGTHS	165x38mm - BAD2060 184x44mm - BAD2063 190x50mm - BAD2066 200x50mm - BAD2067 200x57mm - BAD2068 216x63mm - BAD2071 Metric Offerings 170x30mm - BAD2061 170x35mm - BAD2062 190x40mm - BAD2064 190x45mm - BAD2065 210x50mm - BAD2069 210x55mm - BAD2070
AIR SPRING	LinEair Air Spring
MOUNTING INTERFACE	High performance low friction IGUS bushing 1/2" universal axle
MANUFACTURING	Handbuilt in North Carolina, USA

HIGHLIGHTS

	Twin-tube damping for unparalleled small bump sensitivity and adjustability
	Greater climbing efficiency on-the-fly
	LinEair Air Spring
	Four-way independent adjustability
	Handbuilt in North Carolina
	Precision machined parts for maximum performance and reliability

OPT



EASY ACCESS ON THE FLY

Cane Creek's patented Climb Switch technology has changed the way riders think about suspension. No other shock on the market offers climbing-specific damping for both compression and rebound. Keeping suspension active while climbing results in better connection to the trail and increased efficiency without annoying pedal-bob. The Double Barrel in-line valve body was designed to be retrofitted with a remote accessing the CS feature at the sway of a thumb – never leaving the handlebars.

Introducing OPT – the Climb Switch handlebar remote that is optimized throughout its travel from off to on. Thus giving riders the option to tune their Climb Switch to their desired riding preference. OPT offers two mounting options (Top or Bottom) to allow for a variety of fitment orientations.

OPT FEATURES

MOUNTING	Top mount (Cable enters shock mount from the top eyelet side of the shock) Bottom mount (Cable enters shock mount from stanchion side of the shock)
COMPATIBILITY	DBINLINE DBCOIL [IL] DBAIR [IL]
FINISH	Hard Anodized Forged Aluminum
PART NUMBER	Top Mount - BAD2102 Bottom Mount - BAD2103
CABLE REQUIRED	Brake Cable and Shifter Housing

DROPT



DON'T CRAMP YOUR STYLE

With so many options for on-the-fly adjustments on handlebars, it's easy to clutter this valuable space with a variety of levers. To maximize handlebar real estate, this cable-actuating dropper post remote was designed to couple with the OPT Climb Switch and create one clean connection to the handlebar for two remote systems. Adjustable lever positioning, cable pull options to limit lever movement, and two types of cable insertion methods make the Cane Creek dropper remote the most versatile on the market. Provided with a handlebar mount, this remote system can also be used separately from OPT for a high quality dropper remote.

FEATURES

LEVER	Shifter Style - Left Side Adjustable Cable Pull (Limits lever movement) Adjustable Lever Positioning Sealed pivot axis bearing
CABLE	Universal Fasten or Butted-end Insertion
CONNECTION	Removable Hinge Couples with OPT Standard Mount Matchmaker Compatible

COMPATIBILITY

Crank Brothers Highline Post
DVO Garnet Post
Easton Haven Post
Fox Transfer and Fox D.O.S.S Post
FUNN UpDown Post
Gravity Dropper Post
Kind Shock (KS) Post (All Models)
Raceface Turbine Post
RST Elev8 Post
Specialized Command Post (All Models)
Thompson Elite and Covert Post
9Point8 Fall Line Post
And all other posts using a cable actuating remote