# UNITED IN SHRED REVEILE E





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SADDLES

## PRODUKTKATEGORIEN PRODUCT CATEGORIES



## CROSS COUNTRY

Jeder, der schnell bergauf und bergab möchte gewichtsoptimiert.

For everyone who is going uphill fast – built for optimal weight and control.



## ALL MOUNTAIN

Für alle, die genussvoll biken wollen – egal ob Mittelgebirge oder Hochalpin.

For those who ride it all – doesn't matter if it's the Alps or your local woods.



#### **ENDURO**

Earn your turns – gewichtsoptimiert ohne bei der

Haltbarkeit Kompromisse einzugehen.
Earn your turns – weight optimized without comprom sing the longevity. EWS ready!



#### FREERIDE

Für die ganz dicken Dinger... du willst wie Nico Vink das "Bikefliegen" betreiben? Dann bist du hier richtig. For the extreme side of riding. If you like sending every big feature in the Bikepark and hitting Fest series style jumps- These products are built for you



#### DOWNHILL

Egal ob Bikepark-Besuche oder Downhill Racing, Haltbarkeit und Gewicht müssen in ein optimales Verhältnis gesetzt werden. Ohne Kompromisse. World Cup ready und World Cup proven!

Whether it's the Bikepark or Downhill racing, the perfect balance of optimized weight, coupled with durability pro ven to last at World Cup Level.



#### ELECTRIC MOUNTAINBIKE

Getestet Mountainbike-Anbauteile für die besonderen Anforderungen bei E-MTBs

Tested mountain bike components for the specific requirements of E-MTBs



HOW TO USE THE CATEGORIES

#### XC

empfohlener Einsatz recommended use

MC

nicht ideal oder erhöhter Verschleiß

not ideal or increased wear

XC

nicht empfohlen not recommended





Reverse Components entstand aus dem Verlangen nach verlässlichen Komponenten, um unsere Leidenschaft für den Mountainbike Sport entspannt und sorgenfrei genießen zu können. Das Wichtigste war für uns von Anfang an ein Maximum an Sicherheit und Qualität bei unseren Produkten zu erreichen.

1994 begann unsere Faszination für den Mountainbike Sport. Unsere Marke entstand buchstäblich auf den Trails nahe unseres Firmensitzes in Freudenstadt im Schwarzwald. Von den schnellen Waldtrails bis zu den anspruchsvollen Downhill Strecken im Bikepark Bad Wildbad. Seit 2004 gehören wir zu den führenden Herstellern von belastungsoptimierten Anbauteilen für Mountainbikes und entwickeln diese in enger Zusammenarbeit mit unseren Profi Athleten und dem EFBE Prüflabor.

Reverse Components is the result of a rider's passion to create ultrareliable, high-end components that give 100% confidence when riding and pushing the limits of what's possible. From the outset, our priority has been to achieve the maximum safety and quality of our products.

1994 was the beginning of our fascination for the mountain bike sport. Our brand was built literally on the trails around our headquarters, from the fast and flowing trails surrounding Freudenstadt in the Black Forest, to the brutal downhill courses of Bad Wildbad. Since 2004 we have been one of the leading manufacturers of load optimized mountain bike components, pushing new standards that meet the harsh demands of modern riders. Tested to the exacting standards of the independent EFBE test laboratory and on the racetrack with our World-class athletes.

## PRODUKTTESTS UND FEST-LEGEN NEUER STANDARDS

Das Wichtigste für jedes Produkt, welches den Namen Reverse tragen soll, ist dessen Qualität. Hierfür arbeiten wir seit Jahren eng mit dem deutschen EFBE Prüflabor zusammen. Zusammen mit EFBE entwickelten wir im Laufe der Jahre eigene Teststandards für Mountainbike Komponenten.

Produkte die stark belastet werden und sicherheitsrelevant sind, werden von uns sorgfältig getestet. Sämtliche REVERSE Lenker und Vorbauten werden entsprechend ihrem Einsatzbereich nach dem spezifischen EFBE TRI TEST getestet. Diese Tests übertreffen die geforderte ISO 4210 Norm bei Weitem.

## PRODUCT TESTING AND **DEFINING NEW STANDARDS**

No matter how good the concept and design of a product- the most important aspect that makes a product worthwhile is its durability. For this, we have been working closely with the German EFBE laboratory, developing our own test standards for mountain bike components.

Products that are heavily loaded and safety-relevant are carefully tested by us. All REVERSE handlebars and stems are tested according to the specific use with the EFBE MTB-TRI Test. This test exceeds the required ISO 4210 by far, something that we believe is essential to ensure durability under the loads that the modern rider creates while riding.







ONE SPEED, UNLIMITED GOOD TIMES

The singlespeed hub is ideal for your park/dirt jump/slopestyle or fixie style bike. 13T cog as standard – 9T - 10T - 11T - 12T freewheel and sprocket also available.

>> SEE PAGE 74

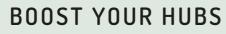
CHAIN GUIDE **BOSCH AND SHIMANO** 

FLIP GUIDE

#### NO MORE **DROPPED CHAINS**

No more dropped chains. Our latest chain guide innovation, the Flip guide can be flipped out of the way by hand to remove the crank, clean the chain or carry out any other maintenance.

>> SEE PAGE 61



Turn your exisiting hubs into "Boost" spacing with our Boost Adapters, converting 142mmx12mm rear hubs into 148mm Boost and 100mmx15mm front hubs into 110mm boost.

>> SEE PAGE 94



- 0.5° ANGLE SPACER FOR TAPERED FORK AND 1 1/8"

#### SLACKER IS BETTER

The 0.5° Angle-Spacer allows you to fine tune your bikes' geometry, making it half a degree slacker. Perfect to make your bike more capable on those gnarly descents.

Available as: - 0.5°DH Angle Spacer 1.5" reduc. To 1 1/8"

- 0.5° 1 1/8" Angle Spacer

- 0.5° Tapered Angle Spacer

>> SEE PAGE 102





XD OR MICRO SPLINE SINGLE SPEED KIT

#### PRECISION MACHINED

This CNC machined kit attaches to SRAM XD or Micro Spline free hub bodies allowing rider's who have XD or Micro Spline driver setups to go singlespeed. Couple this with a chain tensioner and you've got a solid, hassle free setup for Bikepark laps all summer long.

>> SEE PAGE 64

BLACK ONE D-2

#### ONE STEM, 2 HANDLEBAR **DIAMETERS**

Compatible with both 31.8 mm and 35 mm bars, the Black One D-2 stem is versatile, stiff, strong and light with full titanium bolt

>> SEE PAGE 28



TRAVEL AND SAG INDICATOR

#### **GET YOUR COIL SHOCK** DIALLED

The sag indicator is simple tool to measure the amount of travel you are using on your coil shock, and to get the ideal sag meas-

>> SEE PAGE 45

STEERER CLAMP

#### **EVERY BIKE NEEDS ONE**

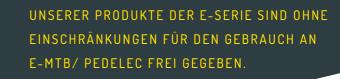
The steerer clamp is a headset spacer with an additional clamping function, designed to go underneath your stem for double security. If you're removing/turning your bars for travelling, this will keep everything in place.

>> SEE PAGE 91











## E-ESCAPE

Our E-Scape platform pedal has been designed for the toughest use, with 24 grip-biting pins per pedal. The pedal is based on our tried and tested Escape pedal, but was reinforced in specific high-stress points to ensure durability and smoothrunning to keep you exploring all day long.

>> SEE PAGE 56



## E-SEISMIC ERGO

The E-Seismic Ergo grips have been specifically designed to meet the needs of e-bike riders. Silicon foam grips to reduce micro-vibrations and reducing pain in the hands. The reinforced aluminum ends protect the handlebar well in the event a of crash.

>> SEE PAGE 37

#### E-XC

The E-XC 6° stem is a real all-rounder with many different lengths to choose from to meet the individual ergonomic needs of our satisfied customers.

>> SEE PAGE 26

## E-BLACK ONE D-2

1 Stem, 2 handlebar diameters. The E-Black One D-2 stem builds on the success of our flagship Black One Enduro stem and brings in the ability to run both Ø31.8mm and Ø35mm handlebars with

Tested with the toughest fatigue testing method by EFBE test laboratory

>> SEE PAGE 27

## TESTED MOUNTAIN BIKE COMPONENTS FOR THE SPECIFIC REQUIREMENTS OF E-MTBS

- > Products specially designed for E-Mountainbike use
- > Mountable on all types of E-MTB
- > Tested according to the new EFBE E-MTB TRI TEST
- > Huge range of products
- > Safety for Dealers and end consumers when upgrading components
- > Approved for a system weight of 130 kg
- >> E-Serie Product Finder / E-Serie test procedure and many more facts you will find on

For more information please visit www.reverse-components.com

>> PAGE 104

## E-FORCE

Super durable seat post, easy to adjust, built to last. Black anodized E-Seatpost has a revised seat clamp making it easy to fine tune.

>> SEE PAGE 88



## **E-ELEMENT BAR**

With our new ELEMENT BUTTING technology, we were able to create our ELEMENT handlebars with greater stiffness and strenght than ever before, along with a sensational weight.

>> SEE PAGE 24

- > Revolutionary manufacturing method for aluminum handlebars
- > Lighter than ever before
- > Highest strength-to-weight ratio



- > high amount of Kevlar for better heat resistence
- > longer lifespan
- > available for MAGURA MT 2/4/6/8 and SHIMANO XTR









## YOUNGSTAR SERIES

DEVELOPING THE NEXT GENERATION. THE YOUNGSTAR SERIES IS OUR SPECIALLY DESIGNED RANGE OF HIGH-END COMPONENTS WHICH MEET THE ERGONOMIC REQUIREMENTS OF YOUNG RIDERS WHO WANT TO SHRED AT THE HIGHEST LEVEL!



#### YOUNGSTAR HANDLEBAR

a lightweight, high spec handlebar, with custom ergonomics that allow your child to shred the trail with more confidence and control.

PAGE 25



Most children's bikes are equipped with grips with a diameter which is too wide for their hands. This is why we developed the Youngstar grip, to make the perfect match for young riders.

HEIGHT ADJUSTABLE PINS





With this pedal, we've worked to improve shredding for young riders.

PAGE 57





Emric & Raoul Schneeberger

(O) @les\_9\_roues

## HANDLEBARS SPECIAL FEATURES ON REVERSE HANDLEBARS // CUTTING LINES: for orientation when cutting down the handlebar **# STEM ALIGNMENT LINES:** for orientation when mounting on the stem # "SANDPAPER" STEM FIXATION: roughened surface in the stem clamping area to increase the clamping effect SEISMIC CARBON AVAILABLE IN CLAMP DIAMETER Ø 31,8 mm / Ø 35 mm XC / AM / EN / FR / DH compromising the durability of the bar. CUTTING SHOCK ABSORBING TECHNOLOGY



The Seismic is our flagship handlebar and features our Seismic technology. We developed this self-damping technology over two years. We were able to draw on the extensive testing of the EFBe testing laboratory to meet the desire for less arm-pump without

MATERIAL	Carbon 100% - modified layup
WIDTH	810 mm
CLAMP DIAMETER	Ø 31,8 mm, Ø 35
UPSWEEP	5°
BACKSWEEP	7°
RISE	25 mm
WEIGHT*	197 g
FINISH	Diffused carbon





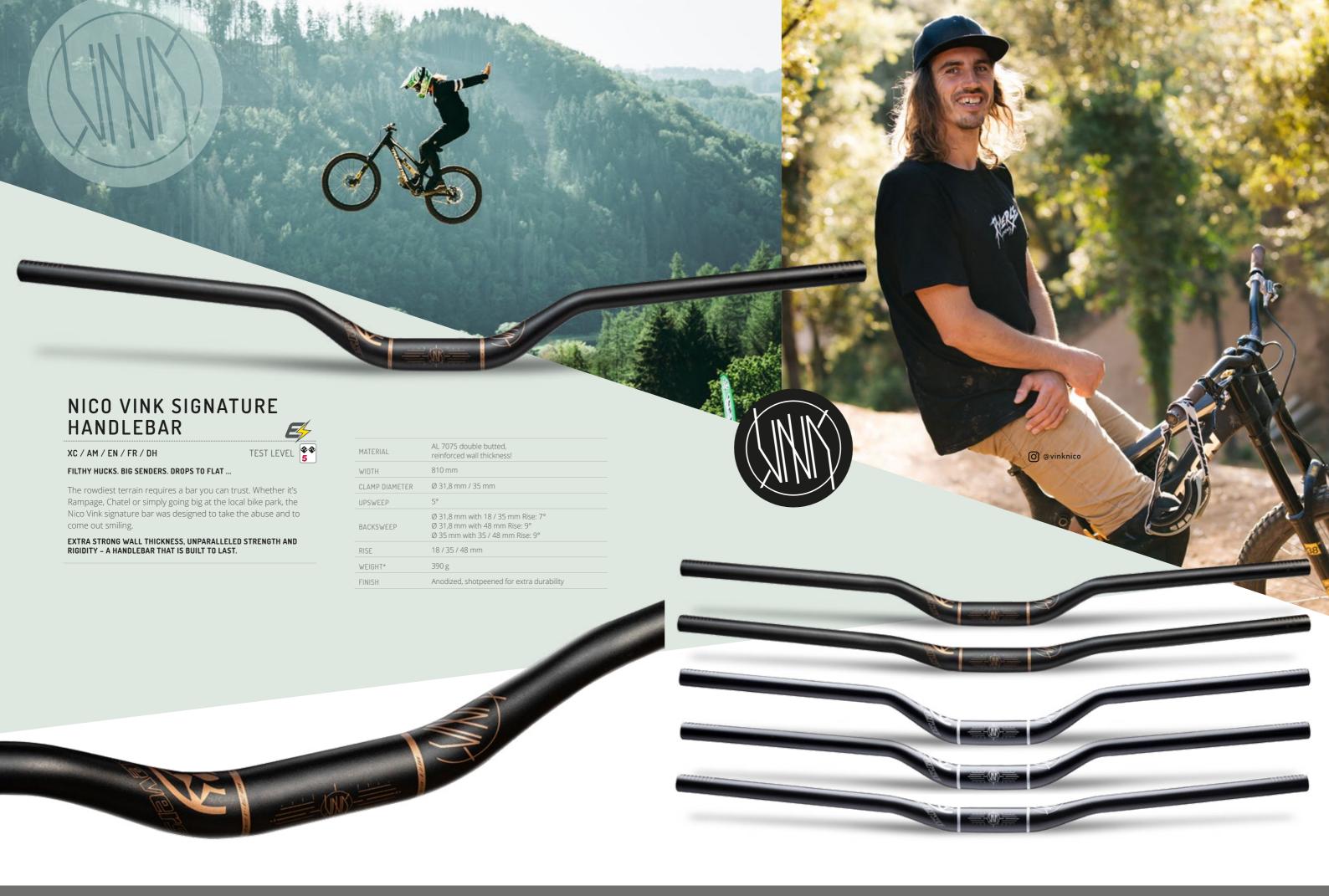
## **DEVIANT**

#### XC / AM / EN / FR / DH

We initially designed and built the Deviant as a trial handlebar. However, we soon noticed that this handlebar is very popular among our customers as a high-rise bar for any use. Due to its rise of 76 mm and its pleasingly backsweep of 9°, this handlebar allows an extremely upright position on the bike, for leisure and daily commuting rides!

MATERIAL	AL 7075
WIDTH	730 mm
CLAMP DIAMETER	Ø 31,8 mm
UPSWEEP	5°
BACKSWEEP	9°
RISE	76 mm
WEIGHT*	358 g
FINISH	Anodized, shotpeened for extra durability





#### BLACK / STEALTH DESIGN



BRAKE LEVER ADJUSTMENT LINES AND CUTTING LINES

## **LEAD 770**

XC / AM / EN / FR / DH

TEST LEVEL

Our all-round weapon, suitable for XC to DH use with ample 770 mm width and comfortable 25 mm rise.

MATERIAL	AL 7075 double butted
WIDTH	770 mm
CLAMP DIAMETER	Ø 31,8 mm
UPSWEEP	4°
BACKSWEEP	9°
RISE	25 mm
WEIGHT*	295 g
FINISH	Anodized, shotpeened for extra durability



## 





#### XC / AM / EN / FR / DH

The Base handlebar combines stiffness and longevity with a relaxed 7° backsweep and is a proven World Cup performer.

MATERIAL	AL 7075 double butted
WIDTH	760 mm [Ø 25,4] 790 mm [Ø 31,8] 790 mm [Ø 35]
CLAMP DIAMETER	Ø 25,4 mm / 31,8 mm / 35 mm
UPSWEEP	5°
BACKSWEEP	7°
RISE	Ø 25,4 mm: 18 & 38 mm Ø 31,8 mm: 18 & 35 mm Ø 35,0 mm: 18 & 35 mm
WEIGHT*	295 g
FINISH	Anodized and paint (white / neon orange / yellow )











WIDTH

740 mm / 770 mm / 800 mm

CLAMP DIAMETER

Ø 35 mm / Ø 31,8 mm / Ø 25,4 mm



#### DIFFERENT SHAPES AVAILABLE



## E-ELEMENT BAR AM/EN

USE XC/AM/EN/FR/DH

TEST LEVEL



With our new ELEMENT BUTTING technology, we were able to create our ELEMENT handlebars with greater stiffness and strenght than ever before, along with a sensational weight. The ELEMENT series is available in a variety of widths, diameters and rises to suit every rider. The handlebars of the ELEMENT series are also suited to E-bike use, with their excellent strength to withstand the added loads of pedal assist bikes. Please pay attention the correct range of use.

MATERIAL	Element aluminium
WIDTH	740 / 770 / 800 mm
CLAMP DIAMETER	Ø 25.4 / 31.8 / 35.0 mm
UPSWEEP	4° - 740, 770 mm / 5° - 800 mm/ 5° - ERGO
BACKSWEEP	9° - 740, 770 mm / 7° - 800 mm / 12° - ERGO
RISE	25 / 40 mm
WEIGHT*	300 to 360 g





#### STABILER UND LEICHTER DURCH ELEMENT BUTTING

Mit der Fertigungsmethode des Element Buttings, haben wir eine hervorragende Technik gefunden, um unsere Produkte noch stabiler zu machen. Mit dieser Fertigungsmethode ist es möglich, eine extrem hohe Stabilität bei geringem Gewicht zu erzielen. Dies macht die ELEMENT Lenker leichter als dies jemals zuvor in dieser Stabilitätsklasse möglich war.

Unsere Element Lenker sind ohne Einschränkungen für den Gebrauch an E-MTBs freigegeben. Ausgewiesen durch die EFBE-Testung für die Sicherheitslevel 3-5. Somit kann der fachgerechte Tausch des Lenkers an einem E-MTB bedenkenlos vorgenommen werden.



MATERIAL	AL 6061
WIDTH	560 mm / 660 mm
CLAMP DIAMETER	Ø 31,8 mm
UPSWEEP	5° / 4°
BACKSWEEP	9°
RISE	22 mm / 25 mm
WEIGHT*	267 g / 268 g
FINISH	Anodized / Anodized polished

For more information please visit **www.reverse-components.com** 

#### YOUNGSTAR **HANDLEBAR**

Bar width has to match shoulder width and armspan. That's why we created the Youngstar handlebar, to have a handlebar that matches the size and position to give younger riders more control, which equals more fun!

The Youngstar handlebar is a lightweight 6061 AL handlebar, 560 mm wide with a 22 mm rise. This fits well for riders under 12 years old or approx. 130-150 cm in height. The reduced width and high rise puts them in an optimum position to lift the wheel off the ground, make changes in position and to actively control the bike. We increased the backsweep slightly to bring the bars in towards the riders hands, to increase control further.

The result is a lightweight, high spec handlebar, with custom ergonomics that allow your child to shred the trail with more confidence and control.







USE XC/AM/EN/FR/DH



1 Stem, 2 handlebar diameters. The E-Black One D-2 stem builds on the success of our flagship Black One Enduro stem and brings in the ability to run both Ø31.8mm and Ø35mm handlebars with

The special designed shim allows the use of Ø31.8mm bars and when removed, it works as an Ø35mm stem. The shim provides a wide, smooth clamping area which is ideal for use with carbon

The E-Black One stem was tested with the toughest fatigue testing method by EFBE test laboratory and managed all cycles of testing with ease.

Tested in Germany, this stem can be safely mounted on any e-bike and is known by it's design and its stiffness!

MATERIAL	AL 6061
LENGTH	35 mm, 50 mm
STACK HEIGHT	40 mm
CLAMP DIAMETER	Ø 31.8 mm & Ø 35.0 mm
ANGLE	8°
STEER TUBE	1 1/8"
WEIGHT*	152g
FINISH	Anodized with water transfer decals
EXTRAS	- Reducer Shim - Top Cap with screw & claw - Micro adjustment lines: for better orientation in the alignment of the handlebar



E-XC

USE XC / AM / EN / FR / DH

TEST LEVEL

Der E-XC 6° Vorbau ist ein wirklicher Allrounder, der in vielen verschiedenen Länge zur Auswahl steht, um die individuellen, ergonomischen Bedürfnisse unserer zufriedenen Kunden zu

The E-XC 6° stem is a real all-rounder with many different lengths to choose from to meet the individual ergonomic needs of our satisfied customers.

MATERIAL	6° AL2014 / 20° AL6061
LENGTH	6°: 60/70/80/90/100/110 mm 20°: 80/90/100/110 mm
CLAMP DIAMETER	Ø 31,8 mm
ANGLE	6° / 20°
STEER TUBE	1 1/8"
WEIGHT*	98 g / 99 g / 110 g / 113 g / 114 g / 123 g
FINISH	Anodized glossy



The intelligent no-gap clamping design in the bottom ensure no pinch points, and equal clamping force for safety and stability. Because the most loads and notching effects are always at the bottom of the handlebar. And our smooth no-gap surface enlarges the lifetime of your handlebars.

The Black One D-2 is ideal for riders who have a few sets of Ø 31.8mm/35 mm bars with different rises and want to continue using them all, or who may want to upgrade to a 35 mm bar in the future, without having to buy another stem.

The components need to be able to take higher loads due to the frequency and duration of rides being significantly higher on an E-Bike, Your regular after work ride you did once in the pre-E-Bike-era, can be ridden three times in the same time today with support of pedal assist. That's why the cockpits of modern E-Bikes have to take much higher loads than before. With the development of our E series stems, we responded to these demands.

For more information please visit **www.reverse-components.com** 

AVAILABLE IN LENGTH

35 mm 50 mm







#### BLACK ONE D-2



#### XC / AM / EN / FR / DH



1 Stem, 2 handlebar diameters. The Black One D-2 stem builds on the success of our flagship Black One Enduro stem and brings in the ability to run both Ø31.8mm and Ø35mm handlebars with one

The special designed shim allows the use of Ø31.8mm bars and when removed, it works as an Ø35mm stem. The shim provides a wide, smooth clamping area which is ideal for use with carbon bars.

MATERIAL	AL 6061
LENGTH	35 mm, 50 mm
STACK HEIGHT	40 mm
CLAMP DIAMETER	Ø 31.8 mm & Ø 35.0 mm
ANGLE	8°
STEER TUBE	1 1/8"
WEIGHT*	152g
FINISH	Anodized with water transfer decals
EXTRAS	- Reducer Shim - Top Cap with screw & claw - Micro adjustment lines: for better orientation in the alignment of the handlebar











## D-2

The intelligent no-gap clamping design in the bottom ensure no pinch points, and equal clamping force for safety and stability. Because the most loads and notching effects are always at the bottom of the handlebar. And our smooth no-gap surface enlarges the lifetime of your handlebars.

The Black One D-2 is ideal for riders who have a few sets of Ø31.8mm/35mm bars with different rises and want to continue using them all, or who may want to upgrade to a 35mm bar in the future, without having to buy another stem. Available in 35mm lengths in Black matt finishes.

We also offer an extra light Black One D-2 TITANIUM version of this stem with understated Black or Polished finishes, with full Titanium bolts.



AVAILABLE IN

LENGTH 50 mm





Reducer Shim 35 mm 31,8 mm

For more information please visit **www.reverse-components.com** 

LENGTH

AVAILABLE IN

LENGTH

50 mm

35 mm

BLACK ONE D-2 TITANIUM



The special edition D-2 Titanium shares the same design with additional precision machining, a gloss black finish and Titanium bolts - bringing the weight down to a cool 127g whilst maintaining full gravity level strength.

MATERIAL	AL 6061
LENGTH	35 mm, 50 mm
STACK HEIGHT	40 mm
CLAMP DIAMETER	Ø 31.8 mm & Ø 35.0 mm
ANGLE	8°
STEER TUBE	1 1/8"
WEIGHT*	127 g
FINISH	Anodized with water transfer decals
EXTRAS	<ul> <li>Reducer Shim</li> <li>Very light titanium screws</li> <li>Top Cap with screw &amp; claw</li> <li>Micro adjustment lines: for better orientation in the alignment of the handlebar</li> </ul>









## **FAST LANE**



XC / AM / EN / FR / DH



Our World Cup proven direct mount stem is our worker bee and features a 4 bolt handle bar clamp to securely hold your bar in place. Strong and still very light with just over 140g

MATERIAL	AL 6061
LENGTH	50 mm
CLAMP DIAMETER	Ø 31,8 mm
ANGLE	10°
WEIGHT*	146 g
FINISH	Anodized gloss and flat







XC/AM/EN/FR/DH TESTLEVEL Ø 31,8 mm 2 Ø 25,4 mm

The Base stem is our downhill, freeride and enduro stem – you name it what you do with it and it will handle any task that is thrown at him. With just 40 mm of length this stem is made to ride aggressively and shred hard, but is still not an overbuilt stem with just 178 g it is still light enough for competition use.

MATERIAL	AL 6061
LENGTH	40 mm
CLAMP DIAMETER	Ø 31,8 / 25,4 mm
ANGLE	0°
STEER TUBE	1 1/8"
WEIGHT*	Ø 31,8: 178 g / Ø 25,4:148 g
FINISH	Anodized gloss and flat, paint (yellow and white)



For more information please visit www.reverse-components.com





CLAMP DIAMETER Ø 25,4 mm











## XC

#### XC / AM / EN / FR / DH



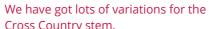
**WYOUNGSTAR** '6

For more information please visit **www.reverse-components.com** 

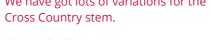
Specifically designed for the Cross Country and All Mountain rider with enough strength for light enduro use. This stem can be ridden with a upsweep or flipped to downsweep and is available in a wide range of lengths and agles to suit most riders. German design and bench tested in Germany.

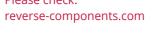
MATERIAL	AL 2014 forged
LENGTH	60 / 70 / 80 / 90 / 100 / 110 mm
CLAMP DIAMETER	Ø 31,8
ANGLE	Different angles available
STEER TUBE	1 1/8"
WEIGHT*	From 98 g (60 mm) to 149 g (110 mm)
FINISH	Anodized glossy and flat, paint (white)





Please check:











With our Youngstar stem, we continue what we started in 2018 with the Youngstar pedal.

Child-friendly ergonomics, safe handling and low weight!

Our Youngstar stem uses our Reverse Power Cube technology for mounting on the steerer tube. The Reverse Power cube is located inside the stem and clamps both the handlebar and the steerer tube with only one set of bolts on the front of the stem.

Our specially designed clamping technology allows for a super light and easy to adjust system, which offers a high level of safety.

The technique specifically eliminates the need for bolts for the steerer clamp, allowing for a smooth, round design. This avoids harsh edges that could possibly cause injuries to the knees, arms or face in the event of a fall or slip.

As with the other products in the Youngstar series, ergonomic design, strength and safety are our top priorities.

It's super easy to use if the handlebar is replaced, a spacer is added under the stem or routine maintenance is done. In order to reduce unnecessary weight and make the learning of riding MTB as easy as possible for the children, the stem is kept very short!

With a length of only 35 mm and a low stack height, this stem offers a compact, manoeuvrable cockpit to give children more control.

MATERIAL	AL 6061
LENGTH	35 mm
CLAMP DIAMETER	Ø 31,8 mm
ANGLE	0°
STEER TUBE	1 1/8"
STACK HEIGHT	38 mm
WEIGHT*	99 g
CONSTRUCTION TYPE	CNC machined







weichen und harten Gummimischungen führte uns zum entspanntesten Fahren. Die Lösung ist einfach, deine Hand sollte entspannt auf dem Griff aufliegen und von diesem unterstützt werden, um Ermüdungen vorzubeugen. Es ist wie die Auswahl der richtigen Schuhgröße – denn die Größe zählt, wenn es um Griffe geht.

Aus diesem Grund bieten wir seit 2012 unsere Griffe in verschiedenen Durchmessern, sowie mit unterschiedlichen Gummimischungen an.

#### **VORTEILE DER REVERSE GRIFFE:**

- Verschiedene Griffdurchmesser > Für jede Handgröße
- Gummimischungen nach EU Reach Verordnung
   > Für die Umwelt und Ihre Gesundheit
- Reverse Lock On System > Einfache Montage und perfekten Sitz
- Reverse Chip bar-ends > Für mehr Sicherheit!
- UV Beständigkeit > Für eine hohe Lebensdauer
- Optimaler Grip > Auch bei Nässe
- Ergonomische Optimierung > Für ein angenehmes Fahrgefühl
- Vibrationsdämpfung > Für weniger Belastung der Armmuskulatur auch bei längeren Abfahrten

Not the fancy shape or the mix of soft and hard foam lead us to the most relaxed riding. Your hand should rest relaxed on the grip and get support from it to prevent fatigue and arm pump. It is like choosing the right shoe size –

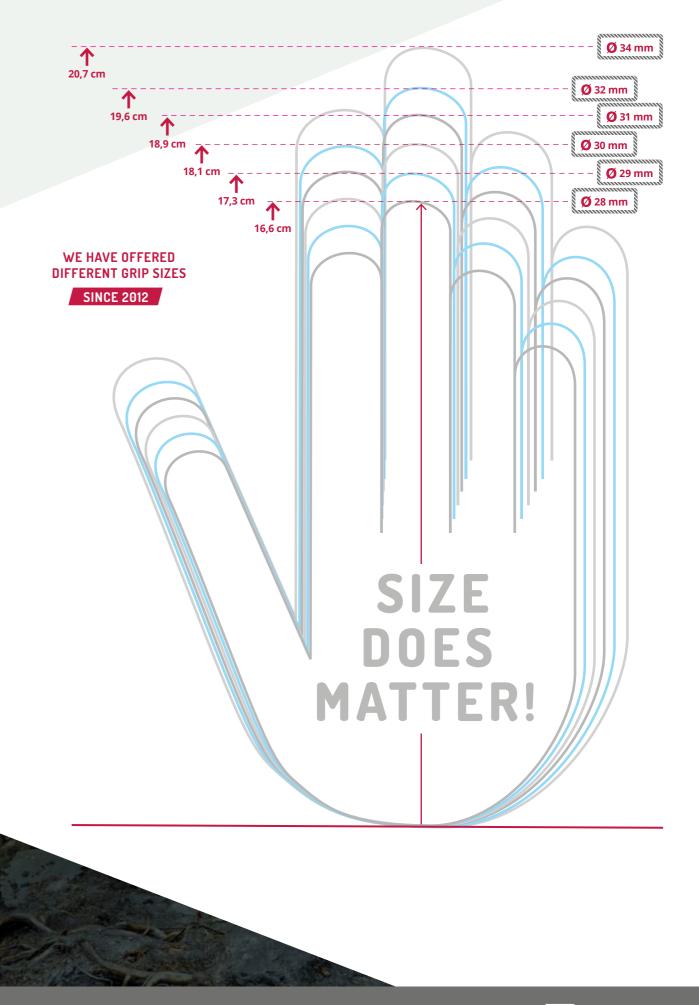
#### because size matters when it comes to grips.

This is why we offer different sizes and also different rubber compounds to suit every customer, since 2012.

#### ADVANTAGES OF REVERSE GRIPS:

- Different handle diameter > For every size of hand
- Rubber compounds according to EU Reach regulation > for the environment and your health
- Reverse Lock On System > for easy installation and perfect fit
- Reverse Chip bar-ends > for more security!
- UV resistance > for a long life of our grips
- Perfect grip > even in wet conditions
- Ergonomic Optimization > for a pleasant ride
- Vibration damping > for less strain on the arm muscles, less arm pump even on longer descents

Model	Diameter in mm	Length	Compound	Shock absorbing level	
CLASSIC	Ø 28, Ø 29, Ø 31	130 mm	Medium	Regular	***
STAMP	Ø 30	135 mm	Medium	Damping	***
STAMP BASIC	Ø 31	125 mm	Medium	Damping	***
STAMP SINGLE LOCK-ON	Ø 30	135 mm	Medium	Damping	***
SPIN	Ø 30	130 mm	Medium	Damping	***
R-SHOCK	Ø 29, Ø 31	130 mm	Soft	Shock absorbing	***
NICO VINK	Ø 30	130 mm	Medium	Damping	***
TAPER	Ø 34 to Ø 30	130 mm	Soft	Shock absorbing	***
SEISMIC	Ø 32, Ø 34	145 mm	Soft	Super shock absorbing	***
YOUNGSTAR	Ø 28	98 mm	Medium	Regular	***





Ø 34-30 mm



SHOCK ABSORBING TECHNOLOGY\_

#### SEISMIC ERGO

Our shock absorbing Seismic System translated to grips. This special silicon foam grip has the best micro vibration filter and damping performance in our range. The silicon foam compound not only softens the ride and takes out harsh feedback from the handle bars, it also offers superb grip in the wet. This grip is perfect for riders who prefer to ride without gloves and the memory foam builds a great contact with your hand. Try it and you will love it

Note: The Silicon Foam Compound wears a bit quicker than harder compound grips.

SYSTEM	Reverse Lock On system
GRIP PATTERN	None
DIAMETER Ø	32 / 34 mm
WIDTH	145 mm
WEIGHT*	120 / 140 g
MATERIAL	Reverse soft compound / AL (lock rings + chip bar-ends)
RUBBER COLORS	black, orange, red, blue
LOCK RING COLORS	black, red, blue, polish









WEIGHT\*

MATERIAL

RUBBER COLORS

Grips that fit like a glove. The ergonomic design tapers from a 34mm diameter at the inner clamp to 30 mm at the bar end, relieving pressure at the 4th and 5th fingers and the outer palm, allowing more control and less fatigue. The ribbed grip pattern and rubber compound gives good vibration damping qualities, increasing the smooth ride.

Reverse medium compound /

AL (lock rings + chip bar-ends)

106 g

LOCK RING COLORS black, aluminum Vink logo end cap

SYSTEM	Reverse Lock On system
GRIP PATTERN	Reverse lamellar
DIAMETER Ø	34 to 30 mm tapered
WIDTH	130 mm
WEIGHT*	130 g
MATERIAL	Reverse soft compound / AL (lock rings + chip bar-ends)
RUBBER COLORS	black
LOCK RING COLORS	black, red, blue



USE XC/AM/EN/FR/DH

Unser E-Seismic Ergo Griff wurde speziell für die Bedürfnisse der E-MTB Fahrer entwickelt. Die extra verstärkten Aluminium bar ends schützen den Lenker maximal, wenn das Bike unsanft zu Boden geht. Unsere spezielle Silikonschaum-Mischung absorbiert Erschütterungen deutlich besser als herkömmliche Griffe und bietet höchsten Komfort.

Our E-Seismic Ergo grips have been specifically designed to meet the needs of e-bike riders. Our silicon foam E-Seismic Ergo grips were designed to reduce micro-vibrations and reducing pain in the hands. The reinforced aluminum ends protect the handlebar well in the event a of crash.

SYSTEM Reverse Lock On system
GRIP PATTERN Smooth foam surface
DIAMETER Ø 32 / 34 mm
WIDTH 140 / 150 mm
WEIGHT\* 140 / 150 g

MATERIAL Silicon foam / closed reinforced bar ends

RUBBER COLORS black
LOCK RING COLORS black





Ø 30 mm



## **CLASSIC LOCK ON**

One of the most loved grip patterns. With its diamond shaped knobs this grip will be right in every condition and will give you the right amount of feedback. This grip is available it 3 sizes and multiple color options. Our lock on system secures the grip when you ride it and will give you the freedom to remove the grips in seconds when you need to.

SYSTEM	Reverse Lock On system
GRIP PATTERN	Reverse diamond knobs
DIAMETER Ø	28 / 29 / 31 mm
WIDTH	130 mm
WEIGHT*	80/121/127g
MATERIAL	Reverse medium compound / AL (lock rings + chip bar-ends)
RUBBER COLORS*	black
LOCK RING COLORS	black, gold, red, polish, purple, blue, light blue, white, orange, light green





For more information please visit **www.reverse-components.com** 





#### R-SHOCK

Our Classic grip now also in our **R-Shock Rubber compound** to filter even more micro vibrations. You can ride longer with less pain in your hands. This grip is available it 2 sizes and multiple color options. Our lock on system secures the grip when you ride it and will give you the freedom to remove the grips in seconds when you need to.

SYSTEM	Reverse Lock On system
GRIP PATTERN	Reverse diamond knobs
DIAMETER Ø	29 / 31 mm
WIDTH	130 mm
WEIGHT*	105/114g
MATERIAL	Reverse soft compound / AL (lock rings)
RUBBER COLORS*	black
LOCK RING COLORS	black, red, blue, polish









## STAMP BASIC

This grip offers great damping due to the full rubber design. It also offers great grip in wet conditions.

SYSTEM	Classic (non Lock On)
GRIP PATTERN	Reverse stamp
DIAMETER Ø	31 mm
WIDTH	125 mm
WEIGHT*	101 g
MATERIAL	Reverse medium compound
RUBBER COLORS	black, red, blue, pink



#### **STAMP**

The Stamp grip feels a bit softer due to the design. It also offers great grip in wet conditions.

SYSTEM	Reverse Lock On system
GRIP PATTERN	Reverse stamp
DIAMETER Ø	30 mm
WIDTH	135 mm
WEIGHT*	101 g
MATERIAL	Reverse medium compound / AL (lock rings + chip bar-ends)
RUBBER COLORS	black, white, yellow, light green
LOCK RING COLORS	black, gold, red, polish, purple, blue, light blue, white, orange, light green



**Ø** 30 mm









#### STAMP SINGLE LOCK-ON

Designed and tested by us, the Stamp single lock on grip is the ultimate blend, if comfort and control are your main focus. With a single inner lock on grip, it keeps the outer edge of the bar soft and comfortable for riders who like to hang their hands right on the edge of the bar. To avoid damage to the vulnerable end of the grip, we have strengthened the inner part with reinforced plastic for when the bike is leaned against walls or hits the ground.

With its 30 mm diameter the grip sits in the middle of the range as a good all-rounder for all riders and disciplines for XC to DH. For the Stamp Single lock-on grip we use our soft and shock absorbing "standard compound" rubber..

SYSTEM	Classic Single Lock-On
GRIP PATTERN	Reverse stamp
DIAMETER Ø	30 mm
WIDTH	135 mm
WEIGHT*	85 g
MATERIAL	Reverse medium compound / AL (lock ring)
RUBBER COLORS	black
LOCK RING COLORS	black, polish, red, light blue



#### YOUNGSTAR GRIPS

The first contact point of any bike is the grips. With children having smaller hands than adults, this contact point is even more important to get right to allow good control of the bike.

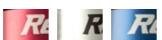
The common problem is that most children's bikes are equipped with grips with a diameter which is too wide for their hands. This is why we developed the Youngstar grip, to make the perfect match for young riders. With a diameter of 28 mm and a total length of 98 mm this handle offers the same comfort as our adult handles, at a size that sits comfortably in their hand. The Youngstar grip is available with different clamp ring colors to suit any colour scheme.

SYSTEM	Classic Single Lock-On
GRIP PATTERN	Reverse diamond knobs
DIAMETER Ø	28 mm
WIDTH	98 mm
WEIGHT*	66 g
MATERIAL	Reverse medium compound / AL (lock ring)
RUBBER COLORS	black
LOCK RING COLORS	black, red, light blue, orange, lightgreen









#### CHIP BAR ENDS

Our new Chip Bar Ends are designed to protect your carbon handlebars and feature a super light weight.

SYSTEM	Lock On
WEIGHT*	Set 21 g
MATERIAL	AL
FINISH	Anodized with laser etched logo
COLORS	black, red, polish, dark blue

Aluminum Chip Bar Ends

## **UNDERRATED BUT SUPER IMPORTANT!**

#### PROTECTS THE RIDER AND THE HANDLEBAR!

A strong end of the handlebar is so important because in the event of a crash, it protects both you and your handlebar from injury and damage.

The simple plastic end plugs used by the most manufacturers can get lost easily. That's why we use the AL Chip Bar Ends on our grips.

As part of our lock on system, the bar ends always stay where they should be and effectively protect the handlebar from damage.



#### **BAR ENDS**

You wish to customize your Reverse Lock On grip with a closed end cap? Find the color of your choice and fine tune your bike.

SYSTEM	Lock On
WEIGHT*	Set 30 g
MATERIAL	AL
FINISH	Anodized, paint with Reverse logo
COLORS ANODIZED	black
COLORS PAINT	white, yellow

## **HEADSETS**

Our BASE HEADSET SERIES are made to be strong, precise and reliable - suitable for demands of aggressive riding. Long lasting industrial bearings coupled with multiple seals equal a headset that will keep running smoothly through summer and winter, whether it's in the Bike Park or exploring the mountains.







WILL BE DELIVERED WITH

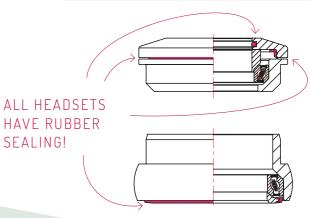


#### **BASE HEADSET**

The Base Headset comes with high-end, sealed industry bearings and will be available as complete headset and 30 and 40 mm crown race 1 x for 1 1/8" forks (S.H.I.S. 30) / 1 x for 1.5" tapered forks (S.H.I.S. 40)

Top Cup: ZS49/28.6 / Lower Cup: ZS56/30 or 40 conus

S.H.I.S. Many options  BEARING TYPE Sealed industry bearings  INCLUDING Top and lower cap  WEIGHT* 156 g  FINISH Anodized and laser etched	MATERIAL	AL 7075
INCLUDING Top and lower cap  WEIGHT* 156 g	S.H.I.S.	Many options
WEIGHT* 156 g	BEARING TYPE	Sealed industry bearings
	INCLUDING	Top and lower cap
FINISH Anodized and laser etched	WEIGHT*	156 g
THISTI	FINISH	Anodized and laser etched
COLORS black	COLORS	black





#### BASE SET 1.5 SEMI INT.

The Base Semi integrated Headset comes with high-end, sealed industry bearings and will be available as complete headset and 30 and 40 mm crown race 1 x for 1 1/8" forks (SHIS30) / 1 x for 1.5" tapered forks (SHIS40) Top Cup: ZS49/28.6 / Lower Cup: ZS56/30 or 40 conus

MATERIAL	AL 7075
S.H.I.S.	ZS49/28.6 / ZS 56/30 or 40
BEARING TYPE	Sealed industry bearings
INCLUDING	Top and lower cap
WEIGHT*	156 g
FINISH	Anodized and laser etched
COLORS	black









- Get an easy sag measurement.
- Determine the optimum spring rate
- Measure the amount of travel used on the trail
- Optimisation of compression settings



For more information please visit www.reverse-components.com

## TRAVEL AND SAG INDICATOR 2.0

#### XC / AM / EN / FR / DH

The Travel and Sag indicator is a suspension tuning tool to allow you to monitor your travel use while riding and for setting your sag accurately on your coil shock, using an external shaft with 'O" ring to indicate the millimetres of shock stroke used while riding.

With our handy online calculators you can quickly work out the amount of sag you are using and calculate your desired sag percentage.

The V.2 Travel & Sag Indicator is now available, with a new fitment design. The Indicator attaches at the top and bottom of the coil spring - allowing compatibility with all coil shocks, including Inline and non-standard piggy back shocks such as Cane Creek, Ohlins, Push Industries, DVO and more.

Ideal for the suspension "setup", to determine the correct spring stiffness, sag and spring preload.

It is a tuning tool to find out if the spring rate is correct and how the compression / damping is set.

MATERIAL	Aluminum / Plastic
WEIGHT	40 g
INCLUDED PARTS	Includes all required parts for mounting to your coil shock
	*The coilshock is not included



Bremssysteme. Deshalb haben wir mit einem der größten Bremsenspezialisten der Branche in der Entwicklung zusammen gearbeitet, um eine geeignete Lösung für die meisten Kunden zu entwickeln. Wir freuen uns, das AirCon-System vorstellen zu können - ein effizientes Wärmeableitungssystem für die gängigsten Bremsen am Markt. Durch eine aufwändige, dreiteilige Bremsscheibe mit Kühlrippen, sind wir in der Lage die maximale Temperatur der Bremse zu reduzieren. Genauer gesagt: 50°C weniger nach einer einmütigen Dauerbremsung. Dabei kühlt die Bremsscheibe auch 20 Sekunden früher auf Raumtemperatur ab, als dies bei vergleichbaren Bremsscheiben der Fall ist.

Dies sind einige Werte aus den Labortests. Was dies für dich auf der Tour bedeutet ist, dass deine Bremse nicht so schnell überhitzt und durch die optimierte Wärmeabfuhr mehr Bremskraft entwickelt. Kombiniere unsere AirCon Scheiben mit unseren neuen AirCon Bremsbelägen, um die Funktion des Systems noch weiter zu erhöhen.

Die AirCon Bremsscheiben und AirCon Bremsbeläge können separat oder in Kombination verwendet werden.

Hole mehr Leistung aus deinen Bremsen, indem du sie kühl hältst.

Heat Management is the major problem for most brake systems. This is why we worked in the development process with one of the biggest brake suppliers in the industry to develop a suitable solution to most customers. We are happy to introduce our AirCon System – an efficient heat dissipation system for all brakes. Due to a clever and simple 3 piece Disc Rotor with cooling fins we were able to reduce the maximum temperature of the brake. In fact, after one minute of braking the disc was 50°C cooler than a standard disc and recovered to room temperature 20 seconds earlier.

These are just numbers from our lab testing. What you will experience on the trail is that your brake will not fade that easy and that your brake will have more power due to the optimized heat dissipation. Combine our AirCon disc with our new AirCon Disc Pads to increase the function of the system even further.

And the best is that you can use the AirCon Disc Rotor and AirCon Disc Pad individually or in combination.

Get more stopping power for your brakes by keeping them cool.



#### AIRCON DISC ROTOR

The AirCon Disc Rotor improves the function of your brake due to an optimized heat management. This system will keep the brake 7% cooler and this reflects in better braking performance in general. You can use this system with nearly all brakes on the market.

MATERIAL	High performance steel braking surface, AL cooling fins and high strength aerospace AL spider
SIZE	140 / 160 / 180 / 203
MOUNT	IS 6 bolt
COMPATIBILITY	No restrictions (except for Fox 32,QR15)
BENEFIT	Cooling rate increased by 7%, better brake performance
WEIGHT*	103/123/149/215g
FINISH	Anodized and laser etched



#### AIRCON BRAKEPAD SYSTEM

With our AirCon Brakepad System you can install cooling fins to your brake. Unlike many designs,the fins are not attached to the pad, so that you can reuse the fins and produce less waste. Apart from the striking look it reduces the heat in your brake caliper up to 9 %. Now everyone can benefit from a simple brake tuning and run our AirCon Disc Pads.

Another benefit is that you just need to buy the AirCon System once and can replace the pads with our AirCon Replacement Pads separately.

MATERIAL	AL Cooling Fins, organic pad
COMPATIBILITY: ONLY WITH OUR AIR- CON COOLING FINS!	Shimano: XTR before 2011, XTR, Saint Avid: Elixir, XO Trail, Code, Guide Formula: Mega One Magura: MT2,4,6,8
BENEFIT	Cooling rate increased up to 9%, better brake performance, reuseable cooling fins
FINISH	Anodized and laser etched



#### AIRCON REPLACEMENT PADS

Our AirCon Replacement Pads are suitable for our AirCon Cooling Fins and are made with an extremely thin aluminum backplate to fit in the caliper. No need to buy expensive brake pads with fins, just reuse the fins and save resources.

MATERIAL	Steel back plate and organic pad
COMPATIBILITY: ONLY WITH OUR AIRCON COOLING FINS!	Shimano: XTR before 2011, XTR, Saint Avid: Elixir, XO Trail, Code, Guide Formula: Mega One Magura: MT2,4,6,8
BENEFIT	Reuse your AirCon cooling fins to save money and save the planet.



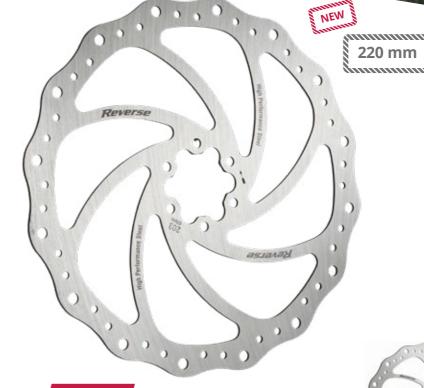


200 mm, 203 mm

## DISC ROTOR ALUMINUM/STEEL

Performance is nothing without style! That is why we have our 2 piece aluminum / steel disc rotor for you. Our high performance steel braking surface provides you the optimum brake power and the aluminum spider keeps the weight low. Available for all brake

MATERIAL	High performance steel braking surface, high strength aerospace AL spider
SIZE (MM)	160 / 180 / 200 / 203
MOUNT	IS 6 bolt
COMPATIBILITY	No restrictions
WEIGHT*	105 / 135 / 179 / 185 g
FINISH	Anodized and laser etched
COLORS	black, red, light-blue, dark-blue, gold, light-green

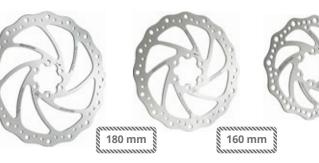


ALSO AVAILABLE Brake adapter for 220 mm disc

## DISC ROTOR STEEL

Our high performance steel rotors provide you optimum stopping power and the full steel design is long lasting and reliable, even under harsh conditions. Available for all brake models.

MATERIAL	High performance steel
SIZE (MM)	140/160/180/203/220
MOUNT	IS 6 bolt
COMPATIBILITY	No restrictions
WEIGHT*	102/123/154/182 g
FINISH	laser atched







160 mm

- > WENIGER VIBRATIONEN
- > HOHER KEVLAR ANTEIL FÜR GERINGERE HITZEENTWICKLUNG
- > LÄNGERE LEBENSDAUER
- > ERHÄLTLICH FÜR MAGURA MT 2/4/6/8 UND SHIMANO XTR UND DEORE
- > LESS VIBRATIONS
- > HIGH AMOUNT OF KEVLAR FOR BETTER HEAT RESISTENCE
- > LONGER LIFESPAN
- > AVAILABLE FOR MAGURA MT 2/4/6/8 AND SHIMANO XTR AND DEORE



203 mm

#### ORGANIC DISC PAD

Organic brake pads for assorted brakes

MATERIAL	Steel back plate and organic pad
	Shimano: XTR before 2011, XTR, Saint BR-M810, Deore
COMPATIBILITY	Avid: Juicy, Elixir, Elixir Trail, Code 2007-2010, Code 2011, Guide
	Formula: The One Magura: MT 5/7, Louise 2007, Magura
	Hayes: HFX9

#### METALLIC DISC PAD

Metallic brake pads for assorted brakes

	Charles de alesta and ainternal anatal and
MATERIAL	Steel back plate and sintered metal pad
COMPATIBILITY	Avid: Juicy, Elixir, XO Trail, Code 2007-2010, Code 2011, Guide



140 mm



Wir produzieren nicht nur Pedale für anspruchsvolle Biker, wir schaffen auch neue Prüfnormen für die gesamte Branche. Da die alte Industrienorm nicht den modernen Biker oder die abfahrtslastigen Disziplinen des Radsports berücksichtigt.

Wir haben mit einem der führenden deutschen Prüflabore neue und bessere Standards entwickelt, welche die alten europäischen Standards in vielerlei Hinsicht übertreffen. Gemeinsam mit dem **EFBE Prüflabor** konnten wir vor einigen Jahren eine Feldanalyse starten und die Ergebnisse wurden sowohl als Grundlage für unseren R&D Prozess, als auch für die Entwicklung neuer Tests übernommen.

We do not only produce pedals for advanced riders we also create new testing standards for the whole industry. As the old industry norm does not reflect the modern bike rider or the more gravity orientated disciplines of biking.

We sat together with one of the leading German test laboratories to create some new and better standards that exceed the old European standards in many ways. Together with the **EFBE test laboratories** we were able to start a field analyses and the results were taken as basis for our R&D process as well as for the development of new tests.





#### **BLACK ONE TITANIUM**

#### XC / AM / EN / FR / DH

The Black One Titanium was built for performance. It withstood our bench testing procedure three times without showing any signs of fatigue. A modified Titanium axle and a sturdy AL body made this incredible outcome possible.

Our lightest pedal is also one of the strongest!

Combined with a solid platform and awesome grip, this is the ultimate flat pedal.

MATERIAL	AL body and pins, titanium axle
PINS	40 (US size) pins / pair
PEDAL HEIGHT	14,5 mm
PEDAL SIZE	100 x 100 mm
BEARINGS	1 x german IGUS DU Bushing / 2 x industrial bearings
WEIGHT*	244 g / Pair
FINISH	Flat black – colored pins available



## **BLACK ONE**

#### XC / AM / EN / FR / DH

The Black One shares the same body as the Black One Titanium. Instead of a Titanium axle this pedal features a high grade CrMo axle. Weighing in at an excellent 309g per set, the Black One pedals can help create a nice light build.

MATERIAL	AL body and pins, CrMo axle
PINS	40 (US Size) pins / pair
PEDAL HEIGHT	14,5 mm
PEDAL SIZE	100 x 100 mm
BEARINGS	1 x german IGUS DU Bushing / 2 x industrial bearings
WEIGHT*	309 g / pair
FINISH	Flat black – colored pins available

















#### XC / AM / EN / FR / DH

Our legendary Escape pedal is made for everything and features a high grade CrMo axle. You can choose from a wide range of color options to find the matching pedal for your bike.

MATERIAL	AL body, CrMo axle
PINS	32 steel und 8 aluminum pins / pair
PEDAL HEIGHT	15 mm
PEDAL SIZE	100 x 100 mm
BEARINGS	Du-bushing, industrial bearing
WEIGHT*	406 g / pair
FINISH	Most anodized. Painted: yellow ,candy, lilac, white, neon-orange, neon-yellow, neon-green, light-blue





For more information please visit **www.reverse-components.com** 



#### **ESCAPE PRO**

#### XC / AM / EN / FR / DH

Our Escape Pro is based upon our legendary Escape pedal with an optimised weight saving design. The pedal body got worked over and we managed to save some grams here and there. This pedal can handle all riding styles and features a high grade CrMo axle.

MATERIAL	AL body and pins, CrMo axle
PINS	44 pins / pair
PEDAL HEIGHT	15 mm
PEDAL SIZE	100 x 100 mm
BEARINGS	Du-bushing, industrial bearing
WEIGHT*	368 g / pair
FINISH	Black anodized- colored pins available

#### SUPER SHAPE

#### XC / AM / EN / FR / DH

The Super Shape pedal features a 3D-shaped auminum body to provide more grip and an ergonomic contact area with your shoe. The 20 steel pins will help to keep your foot in place. Our entry level pedal is made for everyone who is looking for grip without draining the wallet too much.

MATERIAL	AL body, CrMo axle
PINS	40 steel pins / pair
PEDAL HEIGHT	15 mm
PEDAL SIZE	95 x 100 mm
BEARINGS	Tapered contact bearings
WEIGHT*	439 g / pair
FINISH	Flat black, ED finish – colors painted

## PEDAL PINS FOR BLACK ONE / ESCAPE / ESCAPE PRO

We offer various pins with different shapes, sizes and colours. Steel und aluminum pins. Just Check our website for more details on: reverse-components.com/de/products/pins





BASE PEDAL - GRIP IT AND RIP IT!

## **BASE**

#### XC / AM / EN / FR / DH

Big, wide and grippy. The Base is our latest pedal that combines our knowledge from almost 20 years of pedal manufacturing with a new technology to improve longevity:

The "Baurillium" bushing from Reverse.

Our newly developed "Baurillium" bushing ensures a long-lasting and low-maintenance pedal. The bushing replaces plastic or Teflon bushings with a special metal alloy with particularly effective sliding and lubricating properties. This bushing is significantly more resilient and has a long service life. A permanent lubrication is generated by the metal alloy with micro pores.

A large platform with an optimum concave keeps your foot firmly sitting into the pedal. This allows a direct feedback into the bike and stops any accidental foot slips.

A pedal you can rely on. From the inner workings to the pedal body, we've worked on every detail to make it the ultimate gravity-oriented flat pedal.

MATERIAL	AL body, CrMo axle
PINS	16 steel pins per pedal (US-Size 6/32")
PEDAL HEIGHT	20 mm
PEDAL SIZE	116 x 104 mm
BEARINGS	Industrial bearing, Reverse-Baurillium-bushing
WEIGHT*	420 g / pair
FINISH	Anodized, polish (silver)



- > All spare parts are available separately
  - > Pedal service at the manufacturer (exchange of all bearings)
  - for 25€ incl. return shipment within Germany

THE ULTIMATE GRAVITY-ORIENTED FLAT PEDAL.

> High strength CrMo axle

For more information please visit **www.reverse-components.com** 

> Pedal washer: to protect the crankset thread







REINFORCED

PEDAL BODY

24 STRONG STEEL PINS

FOR EXCELLENT PEDAL

**BODY PROTECTION** 

E-ESCAPE

USE XC/AM/EN/FR/DH

Unser E-Escape Pedal wurde für den härtesten Einsatz gebaut. Das Pedal ist an unser bewährtes Escape Pedal angelehnt, wurde allerdings an den Stellen verstärkt, an denen Bodenkontakt auftreten könnte. Die ausgewählten Pins bieten einen super Stand und sind extra robust! Die Bauart der Pins vermeidet bei einem Tausch Beschädigungen am Gewinde im Pedalkörper.

Electric assist bikes allow us to pedal further, faster than ever. That first contact point to create power through the bike is the pedal. Our E-Scape platform pedal has been designed for the toughest use, with 24 grip-biting pins per pedal. The pedal is based on our tried and tested Escape pedal, but was reinforced in specific high-stress points to ensure durability and smoothrunning to keep you exploring all day long.

Auch hier zählte bei der Entwicklung vor allem Eines...... No compromises!

MATERIAL	AL body, CrMo axle
PINS	24 steel pins
PEDAL HEIGHT	15 mm
PEDAL SIZE	100 x 100 mm
BEARINGS	Du-bushing, industrial bearing
WEIGHT*	430 g / pair
FINISH	Anodized, paint (grey)





For more information please visit **www.reverse-components.com** 

#### YOUNGSTAR PEDAL

With this pedal, we've worked to improve shredding for young riders, with better ergonomics to suit smaller feet. With kids bikes being lighter and more capable than ever, it's time to get the components to fit the smaller proportions that kids have. In our opinion this topic gets too little attention by the bicycle industry. Be it with the Q-factor of the children's bicycles or the oversized pedal surface of the pedals for children's feet! Both the Q-factor and the support surface of the shoe on the pedal body, were taken into consideration during the development of the Youngstar pedal. The extra-short pedal axle allows a significantly lower Q-factor, which stops the legs being forced into the bow legged "X-position". This makes it much easier for the kids and leads to a more circular rotations. Due to the smaller pedal surface for kids feet, the pedal flipping is reduced. Imagine you have to stand on a pedal the size of an A4 sheet! You will definitely tip backwards or forwards, since you could never really stand on the middle of such a pedal! The Youngstar is much smaller, making it much easier to find the point of balance. With its weight of just 229 g, this AL pedal pair with CrMo axle is tough, durable but will be lighter than most pedals out there.

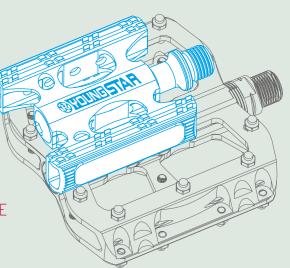
Note: Fits for children up to shoe size 34 (US size 3).

AL (pedal) CrMo (axle)
20 mm
70 x 62 mm
9/16"
2 x industrial bearing
229 g / pair
Black anodized with laser logo

HEIGHT ADJUSTABLE PINS



PEDAL PLATFORM SURFACE IS ONLY 44% OF THE ESCAPE ADULT PEDAL!





## **CHAINGUIDES**



## TRANSFORMER TRAIL

#### XC / AM / EN / FR / DH

No matter how you want your drivetrain to be setup, the Transformer guide can make sure you are covered. The three-part construction allows the Bashguards to adapt to the size of the chainring. The upper chain guide can also be mounted without the lower part of the chain guide for a more minimalist setup. All parts are, of course, sold separately – allowing you to buy the parts you need and add extra security if necessary. The Transformer bashguard can handle two positions depend on your used chainring size. High position 28 - 34T – Low position 36 to 38T

MATERIAL	AL 6061
MOUNT	ISCG 05
WEIGHT*	110 g with Taco
OPTIONS	The Transformer TRAIL is available as a complete guide, or as separate upper and lower parts.

For more details please visit our website.





#### XC / AM / EN / FR / DH

For the 2020 season we have reworked our popular X1-B chainguide and created a modular design with more options. The new open design allows you to mount the guide without taking off the crank.

The Transformer bashguard can handle two positions depending on your used chainring size.

High position up to 34T – Low position up to 38T

MATERIAL	AL 6061
MOUNT	ISCG 05
WEIGHT*	165 g with Taco
SIZE	High position up to 34T – Low position up to 38T

For more details please visit our website.







## X11-EV0

#### XC / AM / EN / FR / DH

Modern drivetrains are nowadays close to perfection and our chain guide is designed to work perfectly with the new clutch derailleurs. Super lightweight design and DH World Cup proven. Inspired by the best riders and made for the fastest riders. Our World Cup Chain device.

MATERIAL	AL 6061
MOUNT	ISCG / ISCG 05
SIZE	28-36T
WEIGHT*	93 g with Taco
FINISH	Anodized
TACO	Included
SPECIALS	Made for modern clutch drivetrains



#### X11

#### XC / AM / EN / FR / DH

You run a one by eleven speed drivetrain and would love to protect your expensive Narrow Wide chain ring? If so our X-11 is made for you and with only 60g it is one of the lightest guides out there.

MATERIAL	AL 6061
MOUNT	ISCG / ISCG 05
SIZE	28-34T
WEIGHT*	60 /63 g
FINISH	Anodized
TACO	Included



#### FLIP GUIDE CHAIN DEVICE

#### XC / AM / EN / FR / DH

No more dropped chains. Our latest chain guide innovation, the Flip guide can be flipped out of the way by hand to remove the crank, clean the chain or carry out any other maintenance.

Flip it back, click into place and you are ready to ride! For full details and features see our website.

MATERIAL	AL 6061
MOUNT	ISCG 05
WEIGHT*	165 g with Taco
SIZE	High position up to 34T – Low position up to 38T
INCLUDED PARTS	the set contains all parts that can be seen in the drawing

#### CHAIN GUIDE

#### **BOSCH AND SHIMANO**

- Bosch GEN4 for E-MTBs
- Shimano Steps 8000 & 7000 & EP8 for **E-MTBs**
- ISCG05 for MTBs

## CHAIN RINGS - NARROW WIDE

## **CHAIN TENSIONER**



#### **CHAIN TENSIONER**

#### XC / AM / EN / FR / DH

#### Less complication = More riding time!

That was the aim with our SB One collab chain tensioner. Bikepark laps, freeride lines and gravity focused riders often don't need the complexity of a vulnerable rear derailleur setup. Our chain tensioner, in combnation with our singlespeed kit means you can keep it simple, quiet and hassle free all season long. No more waiting at the bike shop while your friends are back on the chairlift for another lap!

The chain tensioner screws into your rear derailleur hanger and the chain runs through the jockey wheels, providing a tight, smooth, secure setup.

MATERIAL	AL
WEIGHT	146 g
SPROCKET SIZES	11, 11 tooth
CHAINLINE ADJUSTMENT	With the supplied washers
COMPATIBILITY	With 9/10/11spd chains and 13 - 17T sprockets



## BLACK ONE -NARROW WIDE

#### XC / AM / EN / FR / DH

Our Black One Chain Ring is made for all single Ring applications where stiffness and light weight are needed. The Narrow Wide sprocket design will help to hold the chain in place. Suitable for most cranksets out there.

MATERIAL	AL 7075
BCD PATTERN	4 Bolt: 104 mm
SIZE (WEIGHT*)	32T: 44 g / 34T: 52 g / 36 T: 59 g
FINISH	Anodized black, machined and laser etched
SHIFTABLE	No
SPECIALS	Narrow Wide, no chain guide needed



## SINGLE SPEED KIT



AVAILABLE IN 2 VERSIONS **XD & MICRO SPLINE** 

#### **XD OR MICRO SPLINE** SINGLE SPEED KIT

XC / AM / EN / FR / DH

Simple is better.

The bikepark season is short, and problems with rear derailleurs are long. Singlespeed is the way forward! Ditch the gear cables and embrace the silent simplicity of one gear.

The Singlespeed kit allows you to run a singlespeed setup on your XD or Micro Spline driver freehub body. Beautifully CNC machined with a black anodized finish, with 13t and 14t sprocket options. Paired up in combination with our Colab Chain Tensioner, you've got a solid, hassle free singlespeed setup for full suspension bikes.

The cog is fully replaceable and when worn out, we offer a fast service to replace the cog at your convenience.

MATERIAL	CNC Machined Aluminium (Body) / Steel (Cog)
SIZES	13T / 14T
WEIGHT	125g /130 g
COMPATIBLE	1 by 12-speed chains
COLOR	black



#### SINGLE SPEED **SPACER SET**

XC / AM / EN / FR / DH

To guarantee a straight chain line, we offer a Single Speed Spacer Set with 7 different spacers.

This allows you to position the sprocket optimally on the free-

Different cog sizes (13-18 and 20 teeth) are available individually

MATERIAL	AL
SET INCLUDING	7 spacers, lock ring
WEIGHT	29 g
FINISH	Anodized and laser etched
COLOR	black

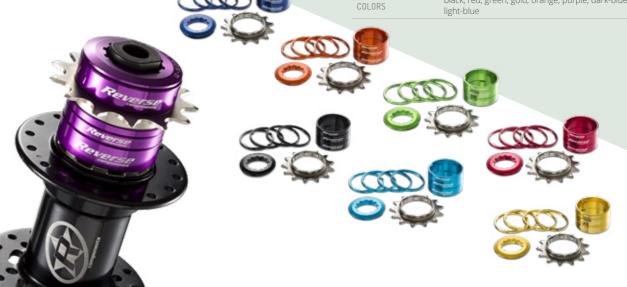


#### SINGLE SPEED KIT

#### XC / AM / EN / FR / DH

Convert your normal free hub wheel in a single speed drive. With a range of different spacers, you can fine tune the chain line perfectly. Available in eight colors.

MATERIAL	AL spacer, steel sprocket
SET INCLUDING	7x spacer, 13T sprocket, lock ring
FINISH	Anodized and laser etched
COLORS	black, red, green, gold, orange, purple, dark-blue, light-blue



## SINGLE SPEED SPROCKET

#### XC / AM / EN / FR / DH

High grade CrMo steel sprockets for your single speed set up. Our extra wide sprocket flange will protect your lightweight aluminum free hub body.

MATERIAL	CrMo steel sprocket
SET INCLUDING	Sprocket
FINISH	Forged, CNC machined
SIZES	13/14/15/16/17/18/20T











## TUBELESS TAPE

TAPE WIDTH 20 mm / 25 mm suitable from 26-29"

## TUBELESS VALVE KIT

WIDTH 52 mm



For more information please visit www.reverse-components.com

Convert your "tubeless-ready" rims into tubeless rims by using our rim tape and the suitable tubeless valve.







# FULL RANGE OF PREMIUM WHEELS

We have created a full range of premium wheelsets to cater for every riding style and wheel size, from DH to XC from 26" to 29". We can also provide custom hub/rim combinations, for this please contact us directly.

All unsere Felgen können mit all unseren Naben und den passenden Achsen kombiniert werden. Wir verwenden nur hochwertige SAPIM Speichen und SAPIM Nippel für unsere Laufräder. Die Nippel sind in folgenden Farben erhältlich: Rot, Schwarz, Gold, Blau und Lila.

For more information please visit **www.reverse-components.com** 

All Reverse rims can be combined with all Reverse hubs and the axle of your choice. We use only SAPIM spokes and Sapim aluminum nipple for our wheels. The nipples are available in: red, black, gold, blue and purple.





MATERIAL	Aluminum)
AXLE	135/10 mm
FREE HUB BODY	AL Shimano style or SRAM XD style
SPOKE HOLES	32 h
COG	13 T (Optionally you can buy 9T / 10T / 11T and 12T freewheel including cog)
WEIGHT*	358 g
FINISH	Anodized with laser logo
EXTRAS	<ul> <li>- 25 points of engagement.</li> <li>- The sprocket of the hub on the freewheel is permanently installed.</li> <li>- 4 sealed bearings</li> <li>- 6 pawls</li> </ul>

THE MOST ADVANCED HUB SPECIFICALLY
DESIGNED FOR 7 SPEED DOWNHILL DRIVETRAINS



# DH-7 EFS

### XC / AM / EN / FR / DH

To overcome the weakness of traditional wheel designs where the spoke angles are not equal on both sides, we developed the Equal Flange System (EFS). Due to the shortened 7-speed free hub body, we were able to move the drive side flange further out. The result is a balanced wheel where all spokes have the same spoke angle and tension which results in a stiffer and stronger wheel itself. Our hub is especially designed to work with SRAM 7-Speed trigger and rear derailleur without a XD-cassette. You can use any standard cassette where the cogs can be seperated to a set of 7pc. (Shimano or SRAM).

MATERIAL	AL 6061
AXLE	148 / 150 / 157 by 12 mm
FREE HUB BODY	Short 7-speed Shimano style
SPOKE HOLES	32 h
WEIGHT*	309 g
FINISH	anodized
SPECIALS	Equal Flange System, 7–speed specific



STANDARD DH-7 EFS

Comparison between a standard hub and our Equal Flange System (EFS)



OPTIONALLY AVAILABLE

9T / 10T / 11T / 12T COG

FREEHUB WITH



# BASE DISC FR 32H 100/15MM

XC / AM / EN / FR / DH	
MATERIAL	AL 6061
AXLE	100 / 15 mm
SPOKE HOLES	32 h
WEIGHT*	256 g
FINISH	Anodized with laser logo



# BASE DISC FR 32H **MULTI USE**

XC / AM / EN / FR / DH	
MATERIAL	AL 6061
AXLE	Multi Use
SPOKE HOLES	32 h
WEIGHT*	186 g
FINISH	Anodized with laser logo



# BASE BOOST DISC FR 32H 110/15MM

XC / AM / EN / FR / DH	
MATERIAL	AL 6061
AXLE	110 / 15 mm
SPOKE HOLES	32 h
WEIGHT*	143 g
FINISH	Anodized with laser logo



# BASE SUPER BOOST DISC FR 32H 110/20MM

XC / AM / EN / FR / DH	
MATERIAL	AL 6061
AXLE	110 / 20 mm
SPOKE HOLES	32 h
WEIGHT*	208 g
FINISH	Anodized with laser logo



# BASE DISC RE 32H 142/10+12MM

## XC / AM / EN / FR / DH

MATERIAL	AL 6061
AXLE	142 / 10+12 mm
FREE HUB BODY	Shimano, Shimano Micro Spline or Sram
SPOKE HOLES	32 h
WEIGHT*	306 g
FINISH	Anodized with laser logo





# BASE DISC RE 32H 135/10+12MM

MATERIAL	AL 6061
AXLE	135 / 10+12 mm
FREE HUB BODY	Shimano or Sram
SPOKE HOLES	32 h
WEIGHT*	302 g
FINISH	Anodized with laser logo



# **EVO-10 LEFTY SUPERMAX**

### XC / AM / EN / FR / DH

We built this hub for all owners of the Lefty Supermax fork. Should the Cannondale hub be worn or damaged, it will be very difficult to find a replacement. But the search comes to an end with our EVO-10 Supermax hub. Two multi-sealed industrial bearings are installed in the hub body

MATERIAL	AL
USE	For Lefty Supermax forks
SPOKE HOLES	32 h
WEIGHT*	125 g
FINISH	Anodized with laser logo





For more information please visit www.reverse-components.com

# BASE BOOST DISC RE 32H 148/12MM

XC / AM / EN / FR / DH	
MATERIAL	AL 6061
AXLE	148 / 12 mm
FREE HUB BODY	Shimano, Shimano Micro Spline or Sram
SPOKE HOLES	32 h
WEIGHT*	350 g
FINISH	Anodized with laser logo



# **HUB ADAPTER**

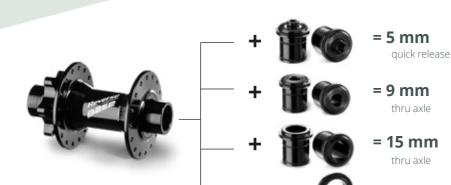
All our BASE hubs are compatible with Shimano 11-12 speed

# 4 IN 1 SYSTEM

How to do: Take off the 20 mm side cap so you got the press ring which holds the 20 mm cap separately. Now take the basic adapter instead of the 20 mm side cap.

The press rings have to be replaced and pressed into the gap. The press ring fixes the basic adapter.

Then plug in the adapter (5 mm or 9 mm or 15 mm). From now on you can change the adapter within a minute.





XD, Shimano and **Shimano Micro Spline-**Freehub

Available and compatible with all Base Boost hubs.

= 157/12 mm

# 3 IN 1 SYSTEM

All Base rear hubs 135/12 mm can be used directly as 12 mm or 10 mm thru axle hub. Including the newly developed standard quick release through-axle 12 mm reduced to 10 mm.

= 20 mm

thru axle or

standard

So you can use this hub in every standard MTB. An optional axle set allows you to change the hub to the new 142/12 mm standard. 135/12 mm + 135/10 mm + 142/12 mm + 150/12 + 157/12 is possible.

With the Reverse 157/12 mm axle you can modify your standard 150/12mm hub to the new standard 157/12 mm.



# Reverse 12mm reduced to 10mm

# **AXLES**



### QUICK RELEASE X12/142 MM

New lighter version of the X12 thru axle, works as replacement axle. Our X12 Quick Release axle comes in three different types to fit the most common standards.

MATERIAL	AL with steel insert
SUITABLE FOR	SRAM 174 mm / Shimano 172mm / Syntace X12 164 mm
WEIGHT*	86 g / 94 g / 89 g

### **OR THRU AXLE 135X10**

Thru axle stiffness for frames with 10 mm dropouts. Available in two options aluminum and steel

MATERIAL	AL
SUITABLE FOR	10 mm dropouts and 10x135 mm hubs
WEIGHT*	62 g / 79 g

### OR THRU AXLE 135 mm

### Reduced 12 mm to 10 mm

Thru axle stiffness for frames with 10 mm dropouts. You will be able to install your 135x12 hub into a standard MTB frame with 10mm dropouts.

MATERIAL	AL
SUITABLE FOR	10 mm dropouts and 12x135 mm hubs
WEIGHT*	65 g

### AXLE 12/10MM WITH NUT

The EVO-9 Pro 135/12 mm thru-axle reduces the center axle diameter from Ø 12 mm to Ø 10 mm at the outside left & right (Part Nr.40098). This bolt thru-axle with nut, makes it possible to use a Ø 135/12 mm hub in every standard MTB with classic dropouts!

MATERIAL	AL	
SUITABLE	FOR 10 r	nm dropouts and 12x135 mm hubs
WEIGHT*	62 8	3

# REDUCER SHIM 135 mm

### 12 mm to 10 mm

Like the reducer QR Thru Axle 135 mm, this shim will reduce the axle diameter to fit your 12 mm wheel into a standard frame.

MATERIAL	AL
AVAILABLE SIZES	135, 142, 150 mm 12 to 10 mm
WEIGHT*	12 g



150/12 mm







# PERFORMANCE ALL-MOUNTAIN SADDLE FOR MAXIMUM COMFORT AT AN AFFORDABLE PRICE

# FORT WILL STYLE

### XC / AM / EN / FR / DH

Our Fort Will Style saddle is a true top seller and is much loved by XC riders, Enduro riders or Downhill riders at the same level. The comfortable shape of the saddle is designed to distribute the weight evenly. With many color options and styles you will find the matching saddle for your bike

MATERIAL	Vinyl (top) / CrMo (rails)
SIZE	270 x 127 mm
WEIGHT*	236 g
COLORS	Many!



# FORT WILL Titanium & CrMo

### XC / AM / EN / FR / DH

Our classic Fort Will saddle combined with super light and durable Ti rails, only available in all black or white colourways. The titanium rails not only provide a weight advantage, they provide some additional damping when sat in the saddle for extra comfort on long rides.

	MATERIAL	Vinyl (top) / Titanium (rails) Vinyl (top) / CrMo (rails)
	SIZE	270 x 127 mm
	WEIGHT*	Titanium 220 g, CrMo 236 g
	CUI UDC	hlack and white

# AM - ERGO

### XC / AM / EN / FR / DH

Equally at home on the Enduro World Series Circuit or on an all-day epic XC ride, the AM Ergo is shaped for making position changes easily on descents, with plush comfort on the climbs. Designed at the optimal width to distribute more weight onto the sitting bones, relieving numbness and increasing comfort. Due to the cut out, the nerves in the perineum are relieved from any excess pressure, giving you the ability to crush those last few climbs to earn that last descent.

	MATERIAL	Vinyl (top) / CrMo (rails)
	SIZE	270 x 143 mm
	WEIGHT*	259 g
	COLORS	stealth, black/copper, black/white, black/grey, black/light-blue, black/red, black/fox-orange, black/ neongreen, black/candy, black/yellow

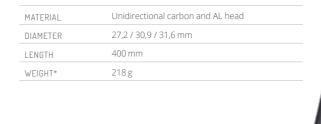
















# **CLAMPS**



ALSO AVAILABLE IN Ø 31,8 MM (IN BLACK AND RED)

# **BOLT**

### XC / AM / EN / FR / DH

In times where everyone likes to have a hydraulic dropper post on his bike the need for a bolt clamp came up once again. Less than 30g and outfitted with a 5mm allen screw it will also work as theft protection for your seat.

MATERIAL	AL 7075
DIAMETER	34,9 / 31,8 mm (only black and red)
WEIGHT*	26 g
COLORS	black, purple, dark-blue, gold, green, red, orange, silver, dark-green, light-blue, sand-metallic, white, yellow, neon green



# ALSO AVAILABLE IN Ø 31,8 MM (IN BLACK AND RED)



## LONG LIFE

### XC / AM / EN / FR / DH

A classic Quick Release seat collar outfitted with a brass surface to increase its life time and to ensure minimal forces for the operation.

MATERIAL	AL 7075
DIAMETER	34,9 / 31,8 mm (only black and red)
WEIGHT*	46 g
COLORS	black, purple, dark-blue, gold, green, red, orange, silver, dark-green, light-blue, sand-metallic, white, yellow, neon green

# **TUNING PARTS**



# TRIGGER CLAMPS

Tuning trigger clamps for SRAM shifter in a wide range of color options. Spice up your ride!

MATERIAL	AL 7075
DIAMETER	34,9 mm
WEIGHT*	11 g
COLORS	black, purple, dark-blue, gold, green, red, orange, silver, dark-green, light-blue, sand-metallic, white, yellow, neon green





# STEERER CLAMP

The steerer clamp is a headset spacer with an additional clamping function, designed to go underneath your stem for double security. Not only does this ensure that your headset holds well, it's ideal for working/travelling with your bike.

If you have the bike in the work stand, you can tighten the steerer clamp and I'll hold everything in place when you loosen your stem and headset. If you're removing/turning your bars for travelling, this'll keep everything in place until you arrive at your destination.

MATERIAL	AL 7075
INNER DIAMETER	1 1/8" (28.6 mm)
ASSEMBLY HEIGHT	10 mm
WEIGHT*	13.8 g
COLOR	black





# **TUNING**





# CASSETTE LOCK RING

Suitable for Shimano and SRAM free hub bodies and weighs just under  $7\,\mathrm{g}$ .

MATERIAL	AL
FINISH	Anodized, CNC machined
COLORS	black, purple, dark-blue, light-blue, gold, light-green, red, orange



Our super light Top Cap is the ideal tuning part for you. It securely keeps the headset tightened and with a wide range of colours, it looks neat on every bike.

MATERIAL	AL 7075
DIAMETER	1,1/8"
INCLUDING	Top cap and bolt
WEIGHT*	7 g with AL bolt
FINISH	Anodized and laser etched
COLORS	black, red, light-blue, dark-blue, orange, gold, purple, light-green



# **CENTER LOCK ADAPTER**

MATERIAL	AL with steel inserts
SET INCLUDING	Center lock adapter and lock ring
COMPATIBILITY	For all hubs, Ø 5 mm-20 mm front, and rear 135 mm-165 mm
COLORS	black, red, dark blue, gold





For all gram counters out there, we have one of the lightest aluminum spacer on the market. Our Ultra Light Spacer comes with just 2,1g (5mm) and is lighter than traditional carbon spacers. The set contains 2x 5mm spacer and 2x 10mm spacer.

MATERIAL	AL
DIAMETER	1,1/8"
INCLUDING	2x5 mm and 2x10 mm
WEIGHT*	2,1 g (5 mm), 4,4 g (10 mm)
FINISH	Anodized and laser etched
COLORS	black, red, light-blue, dark-blue, orange, gold, purple, light-green







# FR BOOST ADAPTER

Set for widening a classic hub (100x15) to the Boost standard .(110x15). The set includes two spacers of 5 mm each to widen the axle, a 5 mm adapter plate for the brake disc and 6 long brake disc bolts (M5x15).

MATERIAL	AL
WEIGHT	26,5 g

# **RE BOOST ADAPTER**

Set for widening a classic hub (142x12) to the Boost standard (148x12). The set includes two spacers of 3 mm each to widen the axle, a 3 mm adapter plate for the brake disc and 6 long brake disc bolts (M5x15).

MATERIAL	AL
WEIGHT	23 g

# **DISC SHIM SPACERS**

For 6-hole Discrotors 0,2 mm 8 pieces.

Shims for additional alignment of the brake disc to the brake caliper.

The set includes 8 shims with a thickness of 0.2 mm.

MATERIAL	AL
WEIGHT	7 g





# **CHAIN RING BOLTS**

MATERIAL	AL 7075
LENGTH	7 mm
SET INCLUDING	4x Bolts, 4x 2 mm Washer
WEIGHT*	9 g / Set
FINISH	Anodized black, dark-blue, gold, red, green, purple, light-blue, orange



For more information please visit www.reverse-components.com

# **DISC BRAKE BOLTS**

MATERIAL	Steel
SET INCLUDING	4 bolts
SIZE	M 6x18 mm
COLORS	red, blue, gold, green, purple





# **BRAKE ADAPTER**

Have you ever wondered why your brake adapters are black and do not fit to the rest of your colored parts? Well we did and this is why we offer you our standard adapters in a range of colors.



NEW AVAILABLE

Brake adapter for 220 mm disc

# PROTECT YOUR BIKE!



# TECHNO-SKIN

Make paint scratches and chips a thing of the past and increase the value of your bike by keeping your frame intact for when you sell it.

TechnoSkin is our new advanced bike protection film. Available in 4 different cover levels, each with a matte or glossy finish. The TechnoSkin film is easy to apply, durable and effectively protects your bike from paint damage.

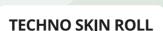
The kits range from

- 1. Essential Kit, which protects the top tube and chain stay. 2. Full Frame Kit, which offers complete protection for the
- 3. Maximum Kit, which offers complete protection for the frame as well as fork and crank.
- 4. Rolls to cut to size yourself.



**MAXIMUM KIT** 

TechnoSkin makes bubbles up to a certain size disappear after application, is extra durable, does not yellow and is easy to apply and remove.



long: 6 m wide: 100 mm



GLOSSY OR MATT



**GLOSSY OR MATT** 



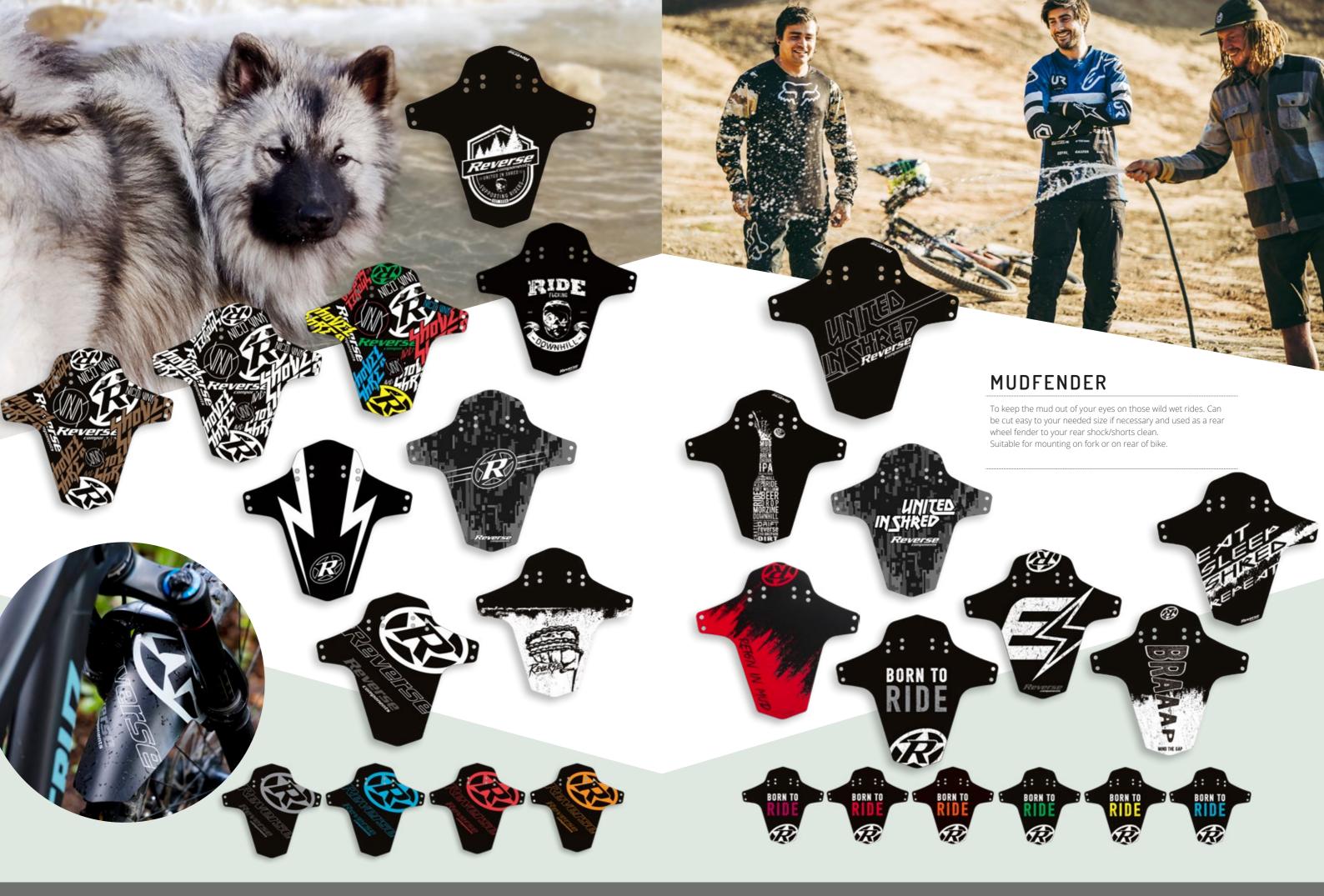




# **CHAINSTAY COVER**

You like to protect your loved bike? You like to have a quieter ride? Well just use one of our Chainstay Covers to protect your bike from chain slap. Suitable for a wide range of bikes and in a bunch of colors to match your ride.

260 x 120 mm SIZE





# SADDLEFENDER

To protect your behind! Quick and easy to mount on the saddle rails.









# CAN HOLDER 0,33 L

Nothing stands in the way of refreshing enjoyment after a great day's biking.

The can holder by Reverse Components in cooperation with Team Dosenbier.

The mechanism on the underside of the holder makes it easy to clip the can in and out, even after the toughest descents.

3D printing allows for a lightweight, yet stable and functional construction. In addition to attaching a can, there are two additional guides for cable ties to fix other material (e.g. a hose) to the can holder.

MATERIAL	High strength 3D printed PLA
DIMENSIONS	140 x 25 x 65 mm (L x W x H)
WEIGHT*	22 g
HOLDER	For cans with 0.33l capacity

# PEDAL POCKET

You want to protect your loved bike / Car or something else from being scratched by the pedal? If so this little genius pedal cover will protect your carbon.

MATERIAL	Neoprene	
COLORS	black	
LENGTH	350 mm	
WEIGHT*	Set 49 g	



# **TUBELESS TIRE REPAIR KIT**

This 4-piece repair set is a lifesaver in the event of a large puncture when out on the trail. With a few simple steps, punctures can be repaired quickly, to get you back on the trail, with no pushing that bike back home.

The kit includes the rasp tool, insertion tool and a bunch of repair-strip to fill holes in the tire that your sealant can't fill. Repair-strip refill packs are also available!

SET INCLU	1 x Rasp tool / 1 x Insert tool / 5 x Repair-strip 1.5 mm / 5 x Repair-strip 3.5 mm
WEIGHT*	Set 29 g













# - 0.5° ANGLE SPACER FOR TAPERED FORK AND 1 1/8"

### XC / AM / EN / FR / DH

The 0.5° Angle-Spacer allows you to fine tune your bikes' geometry, making it half a degree slacker. Got a bike with a 65° but want to make it 64.5°? Now you can! Perfect to make your bike more capable on those gnarly descents. The spacer sits neatly between the fork crown and headset on your Tapered Fork and fits with 45° headset bearings!

MATERIAL	AL
ASSEMBLY HEIGHT	10 mm
WEIGHT*	19 g





For Cannondale forks! 1.5" + 1.56"

# S-TRAIL FOR CANNONDALE



XC / AM / EN / FR / DH



Our legendary S-Trail stem in an extralarge Cannondale bore (1.56" Steertube). It is well known how hard it can be to find a shorter stem if you ride a Cannondale Bike. To help you find a better position on the bike we offer our S-Trail Cannondale in 60mm and 70mm length.

The included stem reducer adapter converts this stem for the use with 1.5" forks.

MATERIAL	AL 6061
LENGTH	60 / 70 mm
CLAMP DIAMETER	Ø 31,8 mm
ANGLE	8°
STEER TUBE	1.56" (reduce able to 1.5")
WEIGHT*	172 / 180 g
FINISH	Anodized



# BASE FOR GIANT BIKES [1,25"]

XC / AM / EN / FR / DH



Another option to fine tune the geometry of your GIANT bike. Our Base stem was modified to suit the exclusive GIANT steerer tube diameter of 1,25".

MATERIAL	AL 6061
LENGTH	40 mm
CLAMP DIAMETER	Ø 31,8 mm
ANGLE	0°
STEER TUBE	1,25"
WEIGHT*	160 g
FINISH	Anodized



In order to find the right product for every intended use, we grouped the *E-Mountainbike products according to the following three categories.* 

### KATEGORIEN 3



mit einer max. Höhe von ca. 60 cm sind im Nutzungsbereich dieser Fahrräder.

MTB Hardtails und vollgefederte Bikes mit kurzem Federweg stehen für diese Kategorie.

Bikes of this category are suitable for rough and unpaved terrain.

Occasional drop-offs with a max. Height of about 60 cm are in the use area of these bicycles.

MTB Hardtails and fullsuspension bikes with short travel are typical for this category.



### KATEGORIEN 4

Bikes dieser Kategorie eignen sie sich für sehr raues und teilweise verblocktes Gelände mit stärkeren

Gefällen und damit einhergehenden höheren Geschwindigkeiten. Regelmäßige, moderate Sprünge bis zu einer Höhe von ca. 122 cm durch geübte Fahrer stellen kein Problem für diese Bikes dar

Vollgefederte Bikes mit mittlerem Federweg sind typisch für diese Kategorie.

Bikes of this category are suitable for very rough and partially interlocked terrain with steeper slopes and higher speeds. Regular, moderate drop-offs up to a height of Approx. 122 cm by experienced riders represent no problem for these bikes.

Fullsuspension bikes with a medium travel are typical for this category.



### KATEGORIEN 5

Diese Kategorie steht für sehr anspruchvolles, stark verblocktes und extrem steiles Gelände. Größere

Sprünge bei sehr hohen Geschwindigkeiten sowie die intensive Nutzung von ausgewiesenen Bikeparks oder Downhillstrecken sind typisch für

Vollgefederte Bikes mit langen Federwegen, aber auch Dirtbikes zeichnen diese

This category stands for very demanding, strongly interlocked and extremely steep terrain. Larger drops at very high speeds as well as the intensive use of Bike Parks or Downhill Trails are typical of

Fullsuspension bikes with long Travel, but also Dirt jump bikes are the distinguishing features of this category.



### Use of categories:

If you select a Category 5 product, it automatically meets all requirements of the underlying categories. The same applies to all

# GETESTETE MOUNTAINBIKE-ANBAUTEILE FÜR DIE BESONDEREN ANFORDERUNGEN BEI E-MTBS

- > Produkte speziell für den Einsatz an E-Mountainbikes entwickelt
- > Freigabe für alle E-MTBs
- > Nach dem Prüfverfahren "E-MTB TRI TEST" von EFBE entwickelt und getestet
- > Große Bandbreite an Produkten
- > Sicherheit beim Umbau für Handel und Endverbraucher
- > Freigabe für ein Systemgewicht von 130 kg

Wir arbeiten seit Jahren eng mit dem deutschen EFBE Prüflabor zusammen. Mit EFBE entwickelten wir im Laufe der Jahre eigene Teststandards für Mountainbike- und E-Mountainbike Komponenten. Mit den E-MTBs haben sich neue Einsatzbereiche und andere Belastungen ergeben, die gezielt von uns berücksichtigt wurden. Daraus entstand ein ausgeklügeltes E-MTB Anbauteile Testverfahren. Der "EFBE E-MTB TRI Test".

Produkte, die stark belastet werden und sicherheitsrelevant sind, müssen sorgfältig getestet werden. Sämtliche REVERSE Lenker, Vorbauten, Sattelstützen und Pedale werden entsprechend ihrem Einsatzbereich getestet. Separat jeweils für XC, All Mountain / Enduro und Gravity (FR/DH). Diese Tests übertreffen die in der EU geforderte ISO 4210 Norm bei Weitem.

Mit der neuen E-Serie können wir für alle E-MTB Nutzer und Hersteller eine Produktvielfalt anbieten, welche modernste Erkenntnisse in den Bereichen Sicherheit und Stabilität vereint. Die E-SERIE bietet viele Möglichkeiten ein Bike optimal und ergonomisch auf den jeweiligen Einsatzbereich abzustimmen!

Unsere Zielsetzung war es, Produkte für E-MTBs anzubieten, welche ohne Sicherheitsbedenken vom Fachhandel oder Endkunder verwendet werden können, um das Bike nachzurüsten oder ergonomisch zu optimieren. Diese dort immer noch vorhandene Uns cherheit beseitigt Reverse Components mit der E-SERIE!

# TESTED MOUNTAIN BIKE COMPONENTS FOR THE SPECIFIC REQUIREMENTS OF E-MTBS

- > Products specially designed for E-Mountainbike use
- > Mountable on all types of E-MTB
- > Tested according to the new EFBE E-MTB TRI TEST
- > Huge range of products
- > Safety for Dealers and end consumers when upgrading components
- > Approved for a system weight of 130 kg

The most important thing for every product in the REVERSE E-SERIES is its quality. To ensure the we meet the demands that E-bikes place on components, we have been working closely with the German EFBE laboratory.

With EFBE, over the years we have developed our own test standards for mountain bikes and e-mountain bike components. With the E-MTBs, the forces involved have magnified and new loads have emerged, which have been deliberately taken into account by us.

This resulted in creating a specific E-MTB component test procedure. The "EFBE E-MTB TRI Test". All REVERSE handlebars, stems, seatposts and pedals are tested according to their application. These tests exceed the required ISO 4210 standard by far. With the new E-SERIES we can offer a wide range of products for all E-MTB users and manufacturers.

Combining our knowledge of high performance products from years on of testing at World-level racing coupled with state of-the-art knowledge in the areas of durability and safety, the Reverse E-Series is ready to take you further than ever before

Our goal was to offer products for E-MTBs, which can be used by the dealers or end-consumers without any safety concerns for aftermarket upgrades or to optimize it ergonomically. The Reverse Components E-SERIES eliminates any uncertainly in the minds of E-Bike dealers and riders minds of which products are tested and suitable for E-Bike use.

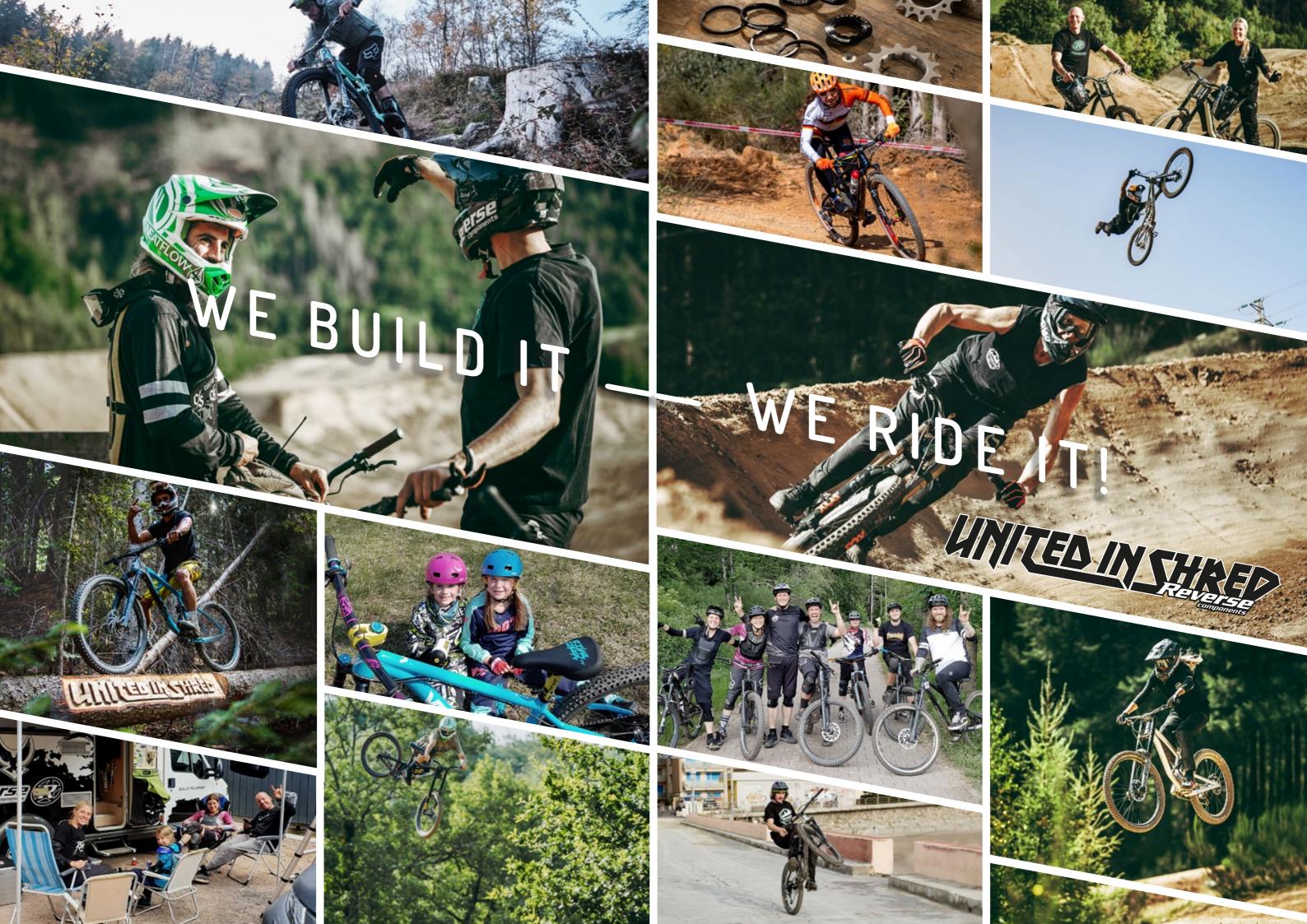


### Verwendung der Kategorien:

Sollten Sie ein Kategorie 5 Produkt auswählen, erfüllt dieses automatisch alle Anforderungen der darunter liegenden Kategorien. Genauso verhält es sich mit allen übrigen Kategorien.

other categories.









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