

CROSS BLADE

The CROSS BLADE RIM brings the iconic style of the Switchblade forks back to your bike. The clever double clamping of the CNC-manufactured crown allows you to adjust the installation height and even change the steerer tube and the two blades. You don't have just a fork but one in whole kit. So different blades for Gravel, Bikepacking, Race and other adventures.

WHAT'S THE TRICK?

The slotted design of the fork crown not only looks cool. It also enables a very flexible modular system and offers the properties of a leaf spring. A good balance between suspension comfort and steering stiffness was achieved. With the CROSS BLADE RIM up to 20mm spring travel is possible without sacrificing steering precision.

INTENDED USE

The CROSS BLADE fork has been developed and tested for use in Gravel and XC areas. Enduro or Downhill use is not recommended and is not covered by the warranty.

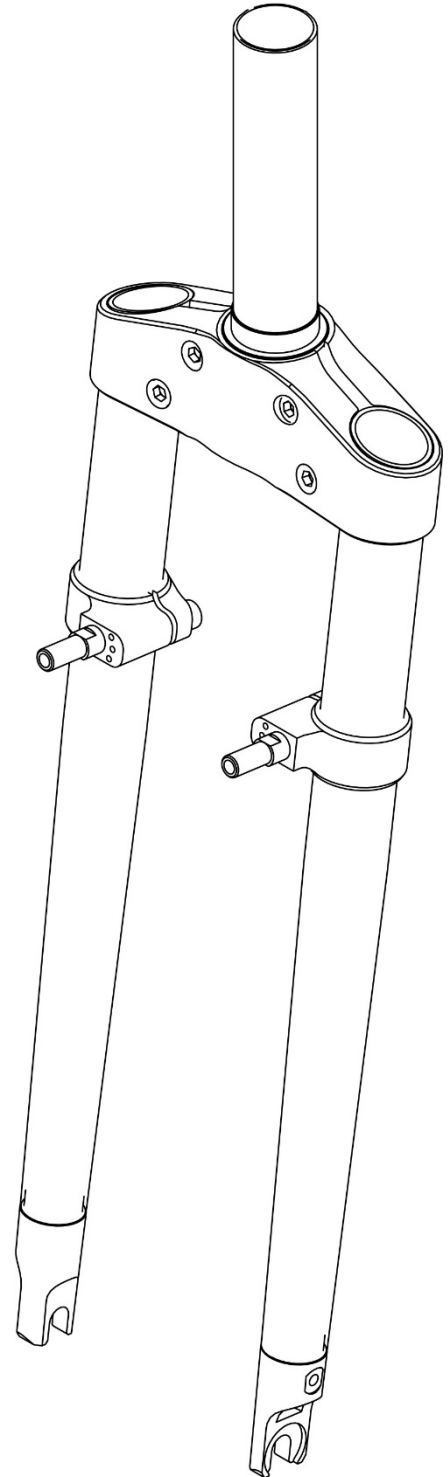
SPECS

Installation height: max. 430mm
Offset: 55mm @425mm
Hub standard: 9x100mm
Tire clearance: 15mm @29x2,1" @420mm
Brake mount: Al 7075T6 movable to accommodate 26"-29" rims
Brake bosses: Ti6Al4V
Steerer CrMo: Columbus lite 255mm 1" or 1 1/8"
Steerer Titanium: Ti3Al2.5V 205mm 1 1/8"
Crown and dropouts: Al 7075T6
Blades: Ti3Al2.5V tapered 22,2-28,6mm (1.6mm)
Cross Blade weight: 990g with TI steerer

HEIGHT and TIRE CLEARANCE

To select the correct installation height, you need to know the tire circumference and determine a tire clearance. We recommend a minimum tire clearance of 15mm. The following applies to the calculation of the correct installation height:

ATC Height = tire radius – clearance – crown height (44.5mm)



ASSEMBLY

The fork consists of the following components:

Fork crown (10)
Collar only with Titanium steerer (8)
Fork legs (1) with bonded dropouts (4)

Steerer tube (2)
Clamping bolts (9)
Retaining ring (3)

Brake Mounts (6)
Cantilever bosses (5)

The legs and fork crown are clamped with 4 M6x25mm bolts. All M6 threads are designed as threaded inserts. In the event of a defect or wear, the inserts can be replaced.

When assembling, please ensure that these four bolts are tightened similar. Start with the inner bolts and then tighten the outer bolts. The tightening torque is 12Nm.

The brake mounts are adjustable in height and fit 26" to 29" rims. Make sure that the brake mounts are not positioned on the tapered part of the blades. The clamping surfaces must be kept free of oil and grease. The tightening torque of the screws is 12 Nm.

To change the steerer tube, the retaining ring underneath the crown must be removed. You can use pliers or a flat-blade screwdriver to do this. No special tools are required to fit the retaining ring. It can be pressed into the groove by hand.

MAINTENANCE

When replacing the fork legs or the steerer tube, it is imperative that the tightening torque of the bolts is observed and checked again after approx. 50 km of use.

WARRANTY

The product is guaranteed for 2 years for the original purchaser. The warranty claim is excluded in the event of improper assembly, improper use or accidents.

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