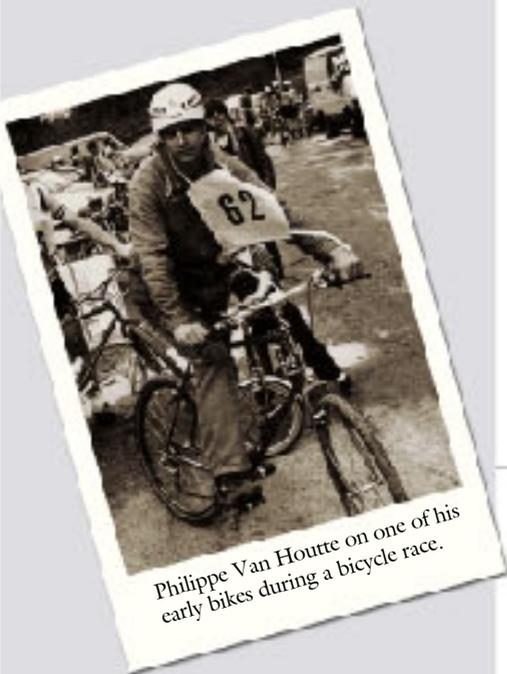


**CATALOG 2005**



**Woodman**  
Components  
INTELLIGENT BIKE TECHNOLOGY

# THE PAST... IT WAS WAY BACK IN THE EARLY 80's



Philippe Van Houtte on one of his early bikes during a bicycle race.

Driven by the need to constantly improve the efficiency of his mountain bikes, Philippe innovated. As early as 1983, he developed an aerodynamic handlebar (that will later be known as bar ends), disc brakes, clipless pedals, two-stage transmission system and components that are considered radical at that time.



**DISC BRAKE PROTOTYPE** - Long before disc brakes became standard equipment on downhill bikes and occasionally for cross-country bicycles, Philippe invented what could very well be the first disc brakes specifically made for bicycles.

when weekend motorcycle mechanic and foremost bicycle frame builder Philippe Van Houtte came across a new type of bicycle. "It was a cruiser with gears, I felt I had to try." Soon after he built his first mountain bike.

It was difficult to build a mountain bike at that time. Parts and components from road and cyclo-cross bicycles have to be modified to meet the requirements of off-road riding. "I saw a lot of similarities between bicyclists and motorcyclists, it's just that motorcyclists are more open to innovations.

Mountain bikers generally have the same attitude as motorcyclists. This attitude paved the way for rapid development of new designs, materials and technology that made mountain bikes faster, lighter, safer and more fun to ride."

Philippe lent his expertise working for some of the biggest and most famous brands for several years. "I had a lot of fun developing new products for these bicycle companies, but I have a lot of ideas that I want to develop and that is what I like to do now."



**FOR ALMOST 20 YEARS...**

PHILIPPE VAN HOUTTE HAS DEDICATED HIS TECHNICAL EXPERTISE IN DESIGNING AND PRODUCING THE FINEST BIKE COMPONENTS. NOW THESE BIKE COMPONENTS BEAR HIS NAME.

**STRIVING FOR PRODUCT EXCELLENCE REQUIRES THE RIGHT ATTITUDE, A LOT OF SKILL, AND A LOT OF THE LATEST HIGH-TECH HARDWARE.** Unlike other companies, we do our products in-house using our own equipments. What's the advantage?

**QUALITY CONTROL:** Only we have the knowledge and commitment to make sure that every single thing that goes out our door meets our rigorous standards.

**FLEXIBILITY:** Quick response to what the market needs. Our system is built to rapidly adjust to the ever changing market.

**PRODUCT DEVELOPMENT:** We have the capability to do prototypes quickly and efficiently, then test the prototypes based on our higher standards for safety, performance, reliability and function. This enables us to push the envelope since our testing methods are set to far exceed already stringent safety standards like the DIN standard. If a prototype works we know how we can improve on it, and if it breaks, we know why, when and how. More knowledge, better products.

**TESTING:** We don't just rely on theories, we actually test our products to make sure they don't easily break. In fact we take testing so seriously that we are one of the few companies that has our own customized bottle cage testing machine, as an example!

## DUAL BEARING SYSTEM

## HEADSET



A HEADSET HAS TO COPE WITH BOTH **RADIAL AND END THRUST LOADS**, WHICH ARE TOO MUCH FOR A SINGLE BEARING TO COPE WITH.

### DBS DUAL BEARING SYSTEM

WOODman's patented **DUAL BEARING SYSTEM** is a revolutionary design that uses 2 stress-specific bearings to handle each kind of load effectively. The result is a headset that gives the smoothest performance and trouble free operation. That is why WOODman headsets are the only choice of the world's cycling champions!



## REASONS WHY WOODMAN DUAL BEARING SYSTEM HEADSETS ARE THE BETTER CHOICE: RADIAL LOAD



## END THRUST LOAD



**::: RESULT :::**



### WOODMAN DBS

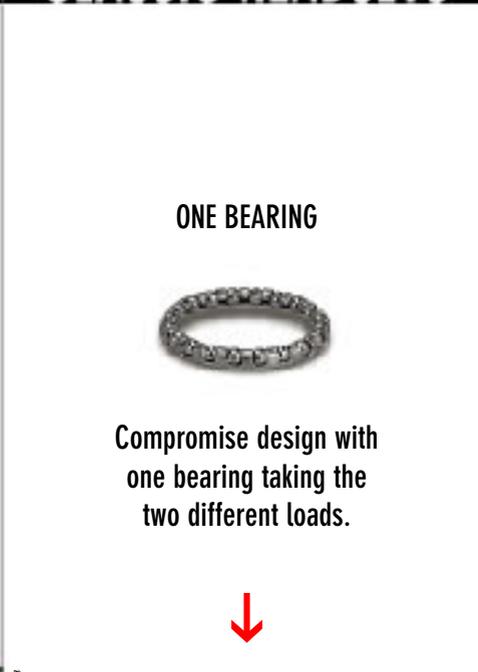


**Efficiently handles heavy loads. Long life-span. Incredibly smooth steering.**

Antonio Ortiz "Team Coronas" winning with WOODman DBS!



### CLASSIC HEADSETS



**Suffers greatly under loads. Shorter life-span.**

Photo: Rafiq Gomez "Bike a Fontio" Magazine Spain

# HEADSET

## SATURN SERIES

Saturn series headsets come with a **unique protective seal**, and most come with a **carbon fiber cap**.

**SATURN DBS**  
 Material: CNC-machined 6061 T6 aluminum.  
 Size: 1-1/8" (threadless forks).  
 Weight: 156 grams.  
 Includes: Carbo Cap.  
 Color: Silver, Gold, Red, Blue, Pewter or Black.



**SATURN SOLUTION**  
 Material: CNC-machined 6061 T6 aluminum.  
 Size: Fits 1-1/8" (threadless forks) into **onepointfive** frames.  
 Weight: 178 grams.  
 Includes: Capsule.



**SATURN FT**  
 Material: CNC-machined 6061 T6 aluminum.  
 Size: 1-1/8" (threadless forks).  
 Weight: 162 grams.  
 Includes: Capsule freestyle.  
 Color: Silver, Gold, Red, Blue, Pewter or Black.

## SPACERS



## BLACKRING

Material: Carbon fiber. Size: 1-1/8"

	HEIGHT	WEIGHT
BLACKRING 4	4mm	2 grams
BLACKRING 5	5mm	3 grams
BLACKRING 8	8mm	3 grams
BLACKRING 10	10mm	3 grams
BLACKRING 12	12mm	5 grams
BLACKRING 20	20mm	6 grams

## BLACKRING LT

Material: Carbon fiber. Size: 1"

	HEIGHT	WEIGHT
BLACKRING LT4	4mm	1 grams
BLACKRING LT5	5mm	2 grams
BLACKRING LT8	8mm	2 grams
BLACKRING LT10	10mm	3 grams
BLACKRING LT12	12mm	4 grams
BLACKRING LT20	20mm	6 grams



## SPACERING

Material: Aluminum. Size: 1-1/8"

	HEIGHT	WEIGHT
SPACERING 5	5mm	4 grams
SPACERING 10	10mm	9 grams
SPACERING 15	15mm	13 grams
SPACERING 20	20mm	17 grams



**SATURN 1.5 DBS**  
 Material: CNC-machined 6061 T6 aluminum.  
 Size: **onepointfive** (threadless forks).  
 Weight: 178 grams.  
 Includes: Capsule **onepointfive**  
 Color: Black or Silver.



**SATURN HS DBS**  
 Material: CNC-machined 6061 T6 aluminum. Size: Fit 1-1/8" threadless forks into Cannondale® frames.  
 Weight: 168 grams.  
 Includes: Carbo Cap.  
 Color: Silver, Gold, Red, Blue, Pewter or Black.



**SATURN RACE DBS**  
 Material: CNC-machined 6061 T6 aluminum.  
 Size: 1" European standard (threadless forks).  
 Weight: 130 grams.  
 Includes: Carbo Cap LT.  
 Color: Black or Silver.

## Is your INTEGRATED headset equipped with the DBS SYSTEM?

YES! - If you bought your bike from one of the companies that choose to go for the uncompromised strength and smoothness of our unique DOUBLE BEARING SYSTEM.



**SATURN INTEGRAL**  
 Material: CNC-machined 6061 T6 aluminum.  
 Size: 1-1/8" (threadless forks).  
 Weight: 94 grams.  
 Includes: Capsule Comp.

**DBS**



Saturn Integral can not be retrofitted on bicycle frames not designed specifically to work with Saturn Integral headset.

## WHAT THE EXPERTS ARE SAYING...



"THE BEST HEADSET THERE IS!"

- Mountain Biking UK

Most WOODman headsets are available in the following colors:



# HEADSET

## JUPITER SERIES

Jupiter series headsets come with our exclusive, patented **Dual Bearing System (DBS)** for the smoothest steering.

**"Indestructible!"**

- Velo Tout Terrain

**DBS**

**JUPITER**

Material: CNC-machined 6061 T6 alloy.  
Size: 1-1/8" (threadless forks).  
Weight: 147 grams.  
Includes: Capsule Comp.  
Color: Silver, Gold, Red, Blue, Pewter or Black.

Thru hole for front brake housing.



**FOR ROAD ▲**

**JUPITER RACE DBS**

Material: CNC-machined 6061 T6 aluminum.  
Size: 1" JIS or European standard (threadless forks).  
Weight: 127 grams.  
Includes: Capsule Comp LT.  
Color: Black or Silver.



**DBS**

**JUPITER NUTTY**

Material: CNC-machined 6061 T6 aluminum.  
Size: 1" JIS or European standard (threaded forks).  
Weight: 145 grams.  
Color: Black or Silver.



**DBS**

**JUPITER REVOLUTION**

Material: CNC-machined 6061 T6 aluminum. Size: Fits 1-1/8" threadless forks into 1-1/4" frames.  
Weight: 147 grams.  
Includes: Capsule Comp.  
Color: Black.



**JUPITER XL DBS**

Material: CNC-machined 6061 T6 aluminum.  
Size: 1-1/4" (threadless forks).  
Weight: 149 grams.  
Includes: Capsule XL.  
Color: Black and silver.



**JUPITER ABSOLUT**

Material: CNC-machined 6061 T6 aluminum.  
Size: Fits 1" threadless forks into 1-1/8" frames.  
Weight: 147 grams.  
Includes: Capsule Comp LT.  
Color: Black or Silver.

**DBS**



Designed to be one of the **lightest durable headsets.**

## ▶ **AXIS SERIES**

**AXIS**

Material: CNC-machined 6061 T6 aluminum.  
Size: 1-1/8" (threadless forks).  
Weight: 147 grams.  
Includes: Carbo Cap.

**AXIS RACE**

Material: CNC-machined 6061 T6 aluminum.  
Size: 1" (threadless forks).  
Weight: 147 grams.  
Includes: Carbo Cap.

**AXIS NUTTY**

Material: CNC-machined 6061 T6 aluminum.  
Size: 1" (threaded forks).  
Weight: 152 grams.



## INVERTED CROWN RACE



**Exclusive for all Jupiter headsets!**

"...Another cool feature is an "inverted" crown race that moves the lower seal farther away from the wheel (where mud and grime gets flung at the headset) and a double nylon seal to keep the headset innards clean."

- Mountain Bike Action

# HEADSET CAPS



**1 CAPSULE**  
Size: 1-1/8" steer tube with inside dia: 24 - 25.4mm.  
Weight: 45g.

**2 CAPSULE COMP**  
Size: 1-1/8" steer tube.  
Weight: 26g.

**2 CAPSULE COMP LT**  
Size: 1" steer tube.  
Weight: 20g.

**CARBO CAPSULE LT**  
Size: 1" steer tube with inside diameter: 19 - 22.2mm.  
Material: Carbon and alloy.  
Weight: 32g.

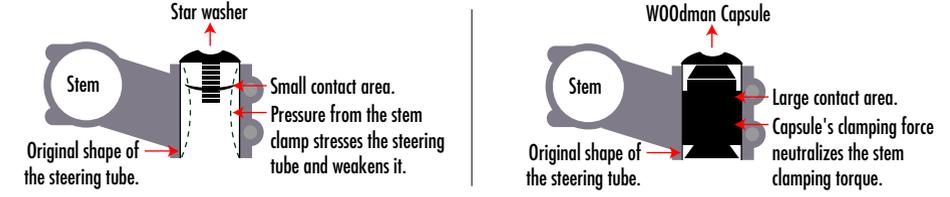
**CARBO CAPSULE**  
Size: 1-1/8" steer tube with inside diameter: 24 - 25.4mm.  
Material: Carbon fiber and alloy.  
Weight: 36g.

**CARBO CAP**  
Size: 1-1/8" steer tube.  
Weight: 20g.

**CARBO CAP LT**  
Size: 1" steer tube.  
Weight: 18g.

# CAPSULE SERIES

Larger contact area offers 2 important advantages:



1. Reinforces the steerer tube by reducing the stress from stem clamping torque.
2. Does not move even under strong vibrations.
3. Easy to change fork and can be re-used.



**3 CAPSULE LT**  
Size: 1" steer tube with inside diameter: 19 - 22.2mm.  
Weight: 36g.

**4 CAPSULE FREESTYLE**  
Size: 1-1/8" steer tube with inside diameter: 24 - 25.4mm.  
Weight: 41g.

**5 CAPSULE XL**  
Size: 1-1/4" steer tube with inside diameter: 27.2 - 28.6mm.  
Weight: 54g.

**6 CAPSULE 1.5**  
Size: **onepointfive** steer tube.  
Weight: 60g.



**7 CAPSULE EXTREM LT**  
Size: 1" steer tube.  
Material: 6061 T6 alloy.  
Weight: 64g.

**8 CAPSULE EXTREM**  
Size: 1-1/8" steer tube.  
Material: 6061 T6 alloy.  
Weight: 80g.

**9 CAPSULE EXTREM 1.5**  
Size: **onepointfive** steer tube.  
Material: 6061 T6 alloy.  
Weight: 90g.

Capsule Extrem offers the following features:  
1. Easily adjustable steerer tube length.  
2. Tough yet light full alloy.  
3. 6mm threaded hole to screw in a front fender.

# HUBS

## V-CUPS

### QUICK-RELEASE AXLE

**V-CUP Q**  
Change from through axle to quick-release axle and back quickly and easily.



SWIFTLY & EASILY SWITCH BETWEEN DIFFERENT AXLE TYPES WITHOUT THE HASSLE AND EXPENSE OF BUILDING A NEW WHEELSET! THE REVOLUTIONARY CONCEPT OF THE EXCLUSIVE V-CUPS EXPRESS CHANGE SYSTEM.



"V" derived from the French "Vitesse", English - "Swift":  
1: moving or capable of moving with great speed  
2: occurring suddenly or within a very short time  
3: quick to respond :READY syn:FAST

### NAME CODING SYSTEM FOR WOODMAN HUBS:

**FIRST LETTER**  
F: FRONT HUB. R: REAR HUB.  
**SECOND LETTER**  
A: ALLOY CASSETTE. S: STEEL CASSETTE.  
Z: NO CASSETTE.  
**THIRD LETTER**  
T: THRU AXLE (USUALLY 12MM FOR REAR).  
Q: QUICK RELEASE. N: NUTTED AXLE.

EXAMPLE:  
BILL LTI RAT  
FIRST LETTER (R): REAR  
SECOND LETTER (A): ALLOY  
THIRD LETTER (T): THRU AXLE

### THROUGH AXLE

**V-CUP T**  
Change from quick-release axle to through axle and back quickly and easily.



Even the best bearing seal wasn't good enough...  
That's why we added an additional lip seal!

Bill LTI RA and RS are assembled with either a set of V-Cup T or V-Cup Q. You can purchase and switch to the other type of V-Cups later on.



BILL LTC RSQ FEATURES:

- 1 BILL LTI RA\***  
Four-bearing construction with lip seal.  
Material: CNC-machined 6061 T6 alloy hub shell ; 7075 T6 alloy 8-9 speed cassette body.  
Holes: 32 and 36.  
**BILL LTI RAT**  
12mm. through-axle.  
Spacing: 135, 150mm.  
Weight: 400 grams.  
**BILL LTI RAQ**  
Quick release axle.  
Spacing: 135mm.  
Weight: 400 grams.
- 2 BILL LTI RS\***  
Four-bearing construction with lip seal.  
Material: CNC-machined 6061 T6 alloy hub shell ; Steel cassette body.  
Holes: 32 and 36.  
**BILL LTI RST**  
12mm. through-axle.  
Spacing: 135, 150mm.  
Weight: 460 grams.  
**BILL LTI RSQ**  
Quick release axle.  
Spacing: 135mm.  
Weight: 460 grams.
- 3 BILL LTI**  
Sealed-bearing construction with lip seal.  
Material: CNC-machined 6061 T6 alloy hub shell.  
Holes: 32 and 36. Extras: Comes with V-Cups T and Q.  
Weight: 243 grams.
- 4 BILL SINGLE RSQ**  
Single speed rear hub with disc brake mount.  
Cartridge bearing.  
Quick-release axle.  
Steel cassette body.  
Spacing: 135mm.  
Holes: 32, 36.  
Weight: 460 grams.  
Includes: 14T and 16T sprockets. 18T available - sold separately.
- 5 BILL SINGLE RSN**  
Single speed rear hub with disc brake mount.  
Cartridge bearing.  
Threaded axle. Steel cassette body.  
Spacing: 135mm.  
Holes: 32, 36.  
Weight: 460 grams.  
Includes: Axle nuts. 14T and 16T sprockets. 18T available - sold separately.
- 6 BILL EXTREM**  
Extremely strong - *When strength is the only issue, not weight.*  
15mm solid axle.  
Compatible with 10mm dropout.  
Cartridge bearing.  
8-9 speed Shimano® compatible cassette body.  
Spacing: 135mm.  
Holes: 32, 36.  
Weight: 510 grams.  
Includes: Axle nuts.
- 7 BILL PRO RAQ**  
Cartridge bearing with CNC-machined 6061 T6 alloy shell, 7075 T6 axle and aluminum 8-9 speed Shimano® compatible cassette body.  
New patent-pending disc mount.  
Spacing: 135mm.  
Holes: 28, 32, 36.  
Weight: 304 grams.
- 8 BILL PRO FZQ**  
Cartridge bearing with CNC-machined 6061 T6 alloy shell and 7075 T6 axle.  
New patent-pending disc mount.  
Holes: 28, 32, 36.  
Weight: 148 grams.
- 9 BILL LTC**  
Cartridge bearing. Extra seal.  
Holes: 28, 32, 36.  
Weight: 210 grams.  
Great for trial bikes.  
Special feature for 28 holes: Threaded axle gives a choice of using a quick-release or screws, comes with stainless axle screws.
- 10 BILL LTC RSQ**  
Two-bearing construction.  
8-9 speed easy replaceable Shimano-compatible cassette body. Extra seal.  
Spacing: 135mm.  
Holes: 32, 36.  
Weight: 435 grams.

# HUBS

Carbon fiber dust cover shields the hub's insides.

## BILL SERIES



**KEYHOLE** DESIGN FOR AERO SPOKES **SPECIAL SHAPE DESIGNED TO FIT TRADITIONAL AND AERO SPOKES.**

- 1 BILL CARBON FZQ**  
Cartridge bearing.  
Material: Carbon fiber shell. CNC-machined 7075 T6 aluminum axle.  
Holes: 16, 18, 20, 24, 28, 32.  
Weight: 115 grams.
- 2 BILL CARBON C RAQ**  
10-speed Campagnolo compatible.  
Four-bearing construction.  
Material: Carbon fiber shell. CNC-machined 7075 T6 aluminum axle.  
Spacing: 130mm. Holes: 20, 24, 28, 32.  
Weight: 275 grams.
- 3 BILL CARBON H30 RAQ**  
8-9 speed Shimano compatible.  
Four-bearing construction.  
Material: Carbon fiber shell. CNC-machined 7075 T6 aluminum axle.  
Spacing: 130mm.  
Holes: 20, 24, 28, 32.  
Weight: 275 grams.
- 4 BILL CARBON H35 RAQ**  
8-9 speed Shimano compatible.  
Four-bearing construction.  
Material: Carbon fiber shell. CNC-machined 7075 T6 aluminum axle.  
Spacing: 135mm.  
Holes: 20, 24, 28, 32.  
Weight: 275 grams.



- BILL TRACK FZN**  
Material: CNC-machined 6061 T6 aluminum.  
Spacing: 100mm. Holes: 28, 32, 36.  
Weight: 212 grams.
- BILL TRACK RZN**  
Material: CNC-machined 6061 T6 aluminum.  
Spacing: 110mm. Holes: 32, 36.  
Weight: 239 grams.



- 5 BILL RACE FZQ**  
Cartridge bearing.  
Material: CNC-machined 6061 T6 aluminum.  
Holes: 18, 20, 24, 28, 32.  
Weight: 115 grams.
- 6 BILL RACE C RAQ**  
10-speed Campagnolo compatible.  
Four-bearing construction.  
Material: CNC-machined 6061 T6 aluminum.  
Spacing: 130mm.  
Holes: 20, 24, 28, 32.  
Weight: 274 grams.
- 7 BILL RACE H30 RAQ**  
8-9 speed Shimano compatible.  
Four-bearing construction.  
Material: CNC-machined 6061 T6 aluminum.  
Spacing: 130mm.  
Holes: 20, 24, 28, 32.  
Weight: 274 grams.
- 8 BILL RACE H35 RAQ**  
8-9 speed Shimano compatible.  
Four-bearing construction.  
Material: CNC-machined 6061 T6 aluminum.  
Spacing: 135mm.  
Holes: 20, 24, 28, 32.  
Weight: 274 grams.

**VCS VITESSE CASSETTE SYSTEM** CHANGE YOUR SPROCKETS RAPIDLY WITHOUT THE MESS AND HASSLE. Changing sprockets to go from flat to hilly terrain or vice versa with a traditional hub is a messy and difficult undertaking. With the VCS, the cassette body slides-on instead of the traditional screwed-on. Slide-on cassette body features:

1. Easy maintenance of the cassette body's pawls.
2. Slide off to remove for quick sprocket change.
3. Interchange between Campagnolo® and Shimano® body without changing the hub. (Bill Carbon and Bill Race series rear hubs)

## REAL TRIAL REAR HUB



- BILL TRIAL COMP RSQ**  
Cartridge-bearing construction.  
CNC-machined 6061 T6 aluminum.  
Holes: 32, 36.  
Spacing: 135mm.  
Weight: 278 grams.
- BILL TRIAL PLUS RSQ**  
Cartridge-bearing construction.  
CNC-machined 6061 T6 aluminum.  
New patent pending disk mount.  
Holes: 32, 36. Spacing: 135mm.  
Weight: 301 grams.

# HUBS

# BILL SERIES

**INTERNATIONAL STANDARD** disc mount for LEFTY forks.



- 1 CORKSCREW**  
For Bill LFY and CODA hubs. 100% CNC-machined 7075 T6 aluminum alloy.
- 2 LFY SEAL**  
For Bill LFY & CODA hubs. Rubber & steel.
- 3 LFY CAP**  
For Bill LFY and CODA hubs. 100% CNC-machined 6061 T6 aluminum alloy.
- 4 LFY XL CAP**  
For Bill LFY XL hubs. 100% CNC-machined 6061 T6 aluminum alloy.

**BILL LFY**  
Material: 100% CNC-machined 6061 T6 alloy.  
Bearing: Double-sealed cartridge. Holes: 24, 28, 32 and 36.  
Weight: 155 grams. Includes: Corkscrew, LFY seal, LFY cap.

**BILL LFY XL**  
Bigger and stronger bearing. For downhill, dual-slam and freeride.  
Material: 100% CNC-machined 6061 T6 alloy.  
Bearing: Double-sealed cartridge. Holes: 24, 28, 32 and 36.  
Weight: 155 grams. Includes: Corkscrew, LFY seal, LFY XL cap.

# QUICK-RELEASE

# GATOR SERIES

Gator Pro's **WIDE RANGE** opening cam bypasses the safety pin for split-second wheel removal.

**GATOR PRO Ti**  
Titanium spindle, stainless springs.  
Weight: 80 gms / pair.



Warning: This quick-release bypasses the safety pins of your fork, in effect nullifying the function of the safety pins. Improper usage may cause your wheel to fall off and result in serious injuries or even death. Do not use if you are not familiar with the operation of this product. Inspect it closely before riding. Using this product means understanding the risks and consequences, and relieves WOODMAN COMPONENTS, its subsidiaries, distributors and associates of any liability.

**GATOR PRO**  
CrMo spindle, stainless springs.  
Weight: 100 gms / pair.



**GATOR COMP**  
CrMo spindle, stainless steel springs.  
115 gms / pair.

**GATOR COMP Ti**  
Titanium spindle, stainless steel springs.  
90 gms / pair.



# DISCO SYSTEM

# DISC ADAPTER

Install **DISC BRAKE** on your frame **without caliper mounts**. No need to buy a new frame and rebuild your bike!



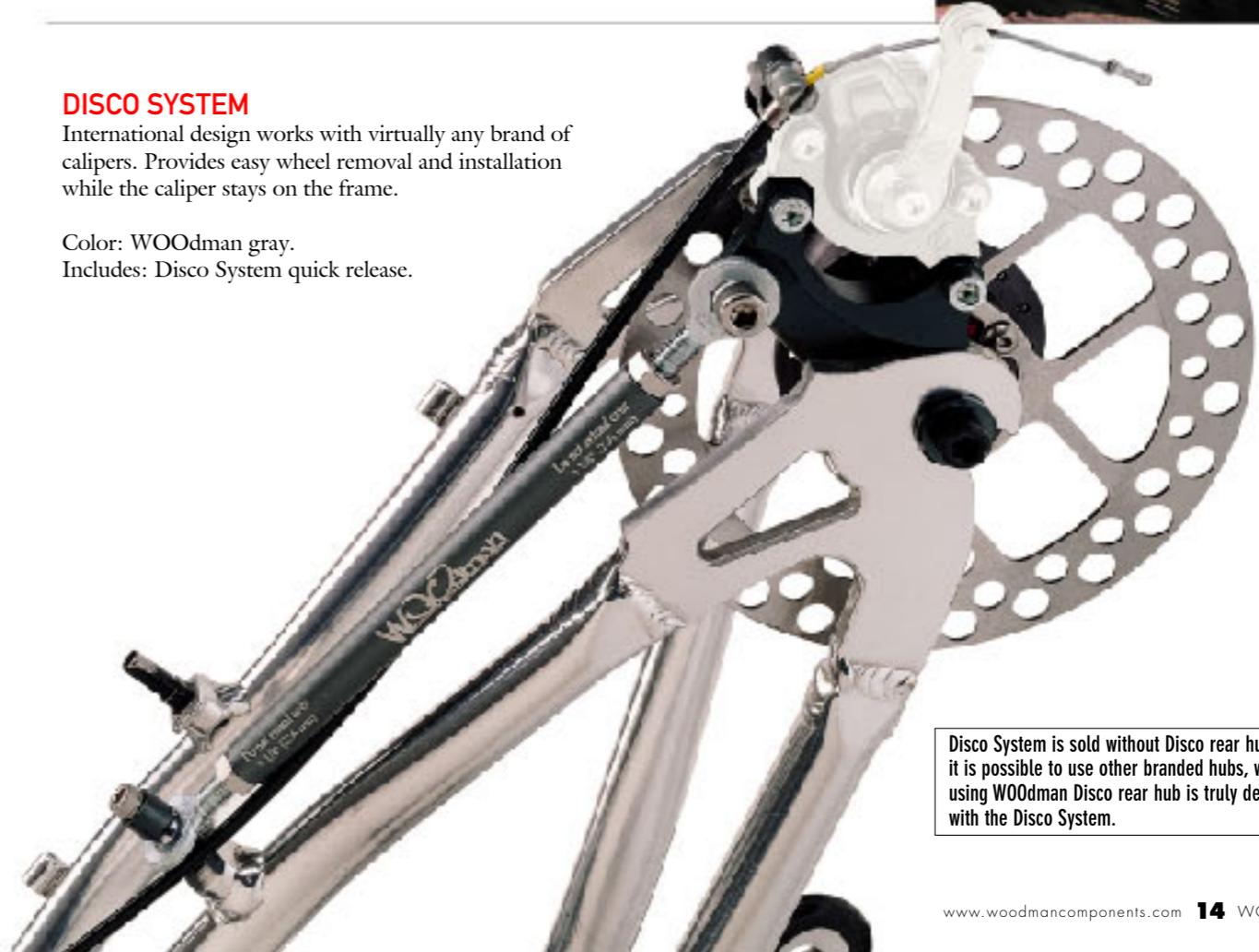
Disco System's uniquely-designed quick release.



**DISCO REAR HUB**  
Material: CNC-machined 6061 T6 aluminum.  
Bearing: Sealed cartridge.  
Holes: 32 and 36. Color: Black.  
Compatible with 8 and 9 speed cassettes.

**DISCO SYSTEM**  
International design works with virtually any brand of calipers. Provides easy wheel removal and installation while the caliper stays on the frame.

Color: WOODman gray.  
Includes: Disco System quick release.



Disco System is sold without Disco rear hub. Even though it is possible to use other branded hubs, we recommend using WOODman Disco rear hub is truly designed to work with the Disco System.

## HANDLEBARS

## WIDE 'N WILD SERIES

WOODMAN MTB HANDLEBARS ARE MADE WITH THE SAME TOUGH ALUMINUM AS MOTORCYCLE HANDLEBARS.



### 1 WIDE 'N WILD RD

Material: Butted 7075 T6 alloy.  
Width: 420, 440, 460mm. Weight: 315 gram.  
Works perfectly with Campagnolo® and Shimano® brake levers!  
Center Diameter: 26.0.

### 3 WIDE 'N WILD SP3

Material: Plain gauge 2014 T6 alloy.  
Width: 660mm. Rise: 45mm.  
Back Sweep: 3 degrees. Weight: 315 grams.  
Center Diameter: 25.4 / 31.8mm.

### 5 WIDE 'N WILD XS9

Material: Butted 2014 T6 alloy.  
Width: 630mm. Rise: 30mm.  
Back Sweep: 9 degrees. Weight: 300 grams.  
Center Diameter: 25.4 / 31.8.

### 2 WIDE 'N WILD TT PLUS

Material: Double-buttet 2014 T6 alloy. Width: 730mm.  
Rise: 14.8mm. Back Sweep: 0 degrees. Weight: 220 grams.  
Center Diameter: 25.4.

### 4 WIDE 'N WILD SP10

Material: Plain gauge 2014 T6 alloy. Width: 660mm.  
Rise: 45mm. Back Sweep: 10 degrees. Weight: 315 grams.  
Center Diameter: 25.4 / 31.8.

### 6 WIDE 'N WILD XS3

Material: Butted 2014 T6 alloy. Width: 630mm.  
Rise: 30mm. Back Sweep: 3 degrees. Weight: 300 grams.  
Center Diameter: 25.4 / 31.8.

### 7 WIDE 'N WILD XC

Material: Butted 2014 T6 alloy. Width: 580mm.  
Back Sweep: 5 degrees. Weight: 165 grams.  
Center Diameter: 25.4.

## CHUPA SERIES

## BAR ENDS

## CARBON FIBER



### 8 CHUPA CARBON PLUS

Material: Molded Carbon fiber, forged 6061 T6 aluminum clamp.  
Weight: 88 grams only! Includes: End plugs. Aluminum screws.

### 9 CHUPA CARBON

Material: Carbon fiber, forged 6061 T6 aluminum alloy clamp.  
Weight: 85 grams only!  
Includes: End plugs. Aluminum screws.

### 10 CHUPA CARBON L

Material: Carbon fiber, forged 6061 T6 aluminum alloy clamp.  
Weight: 100 grams only!  
Includes: End plugs. Aluminum screws.

## ALUMINUM



### CHUPA L

Material: 3D forged 6061 T6 aluminum alloy.  
Weight: 130 grams only!  
Includes: End plugs. Aluminum screws.



### CHUPA

Material: 3D forged 6061 T6 aluminum.  
Weight: 110 grams only!  
Includes: End plugs. Aluminum screws..



**WOW 4 SERIES**

WOODman's stem design

**CHECKLIST**

- ✓ Stiff and light weight.
- ✓ Comes in several lengths.
- ✓ Comes in several angles.
- ✓ High-quality anodized finish.
- ✓ Irremovable laser-etched logo.
- ✓ Stainless screws.

Material: 6061 T6 welded.  
Screws: Stainless.  
Handlebar Diameter: 25.4 / (31.8mm - available January 2004).  
Extension:  
0°: 60, 85, 105, 120, 135mm.  
10°: 60, 85, 105, 120, 135mm.  
25°: 85, 105, 120, 135mm.

- 1 WOW 4**  
Steer Size: 1-1/8".
- 2 WOW 4 HS**  
Steer Size: Cannondale.
- 3 WOW 4 1.5**  
Steer Size: one point five

**ROADSTER SERIES**

Material: 6061 T6 aluminum. Steer Size: 1-1/8".  
Handlebar Diameter: 26.0mm.  
Extension: 80, 90, 100, 110, 120, 130, 140, 150mm.  
Weight: 136 grams (110mm extension).  
Includes: Stainless screws. Color: Black.

- 9 ROADSTER ZERO**  
Angle: 0 degrees when installed.
- 10 ROADSTER 17**  
Angle: 17 degrees when installed. Great for compact or sloping frames.



**ROCKSTER SERIES**

Material: CNC-machined 6061 T6 aluminum. Handlebar Diameter: 25.4mm.

- 4 ROCKSTER ML**  
Steer Size: 1-1/8".  
Angle: 95 degrees.  
Extension: 80mm.  
Weight: 300 grams.
- 5 ROCKSTER M**  
Steer Size: 1-1/8".  
Angle: 95 degrees.  
Extension: 50mm.  
Weight: 275 grams.
- 6 ROCKSTER S**  
Steer Size: 1-1/8".  
Angle: 105 degrees.  
Extension: 35mm.  
Weight: 250 grams.
- 7 ROCKSTER 1.5**  
Steer Size: one point five  
Angle: 95 degrees.  
Extension: 80mm.
- 8 ROCKSTER HS**  
Steer Size: Cannondale steer tube.  
Angle: 95 degrees.  
Extension: 80mm.

**STEM ADAPTER**



**CONVERT 2**  
Install 1-1/8" stem on your 1" steer tube.  
Material: 6061 T6 aluminum.  
Weight: 8 grams.

**TRACKSTER SERIES**



**TRACKSTER PLUS**  
Size: 1-1/8".  
Material: CNC-machined 6061 T6 aluminum.  
Handlebar Diameter: 25mm.  
Extension: 50mm. Angle: 95 degrees.  
Weight: 277 grams.



Rip-resistant **KEVLAR SIDE PANELS** protect vulnerable edges and saves weight.



Genuine **COW LEATHER**. Breathable, comfortable and washable.



High-grade **SYNTHETIC LEATHER** dries quickly. **ERGO-CUT** allows greater exposure of the anti-slip panel.



DOES YOURS HAVE THIS?

The Secret Of Woodman Carbon Fiber Seatposts' Amazing Strength.



ENDOSKELETAL RINGS

A series of strategically placed **CARBON RINGS** prevent the deformation of the carbon tube in the clamping area.

We've also added an alloy ring on the head area to stop the carbon fiber from delaminating.

Another intelligent bike technology developed by WOODMAN Components.



<p><b>4 CARBO O.F. RACE</b> Length: 270mm. Diameter: 25.0, 26.8, 27.0, 27.2mm.</p>	<p><b>CARBO O.F. 320</b> Length: 320mm. Diameter: 25.0, 26.8, 27.0, 27.2, 28.0, 30.9, 31.6, 31.8mm.</p>	<p><b>CARBO O.F. 400</b> Length: 400mm. Diameter: 25.0, 26.8, 27.0, 27.2, 30.9, 31.6, 31.8mm.</p>		
Material: Carbon fiber post. Aluminum clamp. Color: Natural Carbon, black anodized clamp.				
<p><b>5 CARBO O.F. PLUS RACE</b> Length: 270mm. Diameter: 25.0, 26.8, 27.0, 27.2mm.</p>	<p><b>CARBO O.F. PLUS 320</b> Length: 320mm. Diameter: 25.0, 26.8, 27.0, 27.2, 30.9, 31.6, 31.8mm.</p>	<p><b>CARBO O.F. PLUS 400</b> Length: 400mm. Diameter: 25.0, 26.8, 27.0, 27.2, 30.9, 31.6, 31.8mm.</p>		
Material: Carbon fiber post. Aluminum clamp. Color: Natural Carbon, black anodized clamp.				
<p><b>6 CARBO RACE</b> Length: 270mm. Diameter: 25.0, 26.8, 27.0, 27.2mm.</p>	<p><b>CARBO 320</b> Length: 320mm. Diameter: 25.0, 26.8, 27.0, 27.2, 28.0, 30.9, 31.6, 31.8mm.</p>	<p><b>CARBO 400</b> Length: 400mm. Diameter: 25.0, 26.8, 27.0, 27.2, 30.9, 31.6, 31.8mm.</p>	<p><b>CARBO 400 BLACK</b> Length: 400mm. Diameter: 25.0, 26.8, 27.0, 27.2, 30.9, 31.6, 31.8mm. Black anodized clamp.</p>	
Material: Carbon fiber post. Alloy clamp. Color: Natural Carbon, high-polished clamp.				
<p><b>7 POST SL PLUS</b> Length: 270mm. Diameter: 25.0, 26.8, 27.0, 27.2mm.</p>	<p><b>POST SL PLUS 320</b> Length: 320mm. Diameter: 25.0, 26.8, 27.0, 27.2, 30.9, 31.6, 31.8mm.</p>	<p><b>POST SL PLUS 400</b> Length: 400mm. Diameter: 25.0, 26.8, 27.0, 27.2, 30.9, 31.6, 31.8mm.</p>		
Material: CNC-machined 7075 T6 alloy post. Alloy clamp. Color: Black post, Black clamp.				
<p><b>8 POST SL RACE</b> Super light weight. Length: 270mm. Diameter: 25.0, 26.8, 27.0, 27.2mm.</p>	<p><b>POST SL 320</b> Super light weight. Length: 320mm. Dia: 25.0, 26.8, 27.0, 27.2, 30.9, 31.6, 31.8mm.</p>	<p><b>POST SL 400</b> Super light weight. Length: 400mm. Dia: 26.8, 27.0, 27.2, 30.9, 31.6, 31.8mm.</p>	<p><b>POST DH 320</b> Heavy-duty. Length: 320mm. Dia: 27.2, 30.9, 31.6, 31.8mm.</p>	<p><b>POST DH 400</b> Heavy-duty. Length: 400mm. Dia: 27.2, 30.9, 31.6, 31.8mm.</p>
Material: CNC-machined 7075 T6 alloy post. Alloy clamp. Color: Black post, Black clamp.				

**MADE OF HIGH-GRADE CARBON FIBER BONDED TO A UNIQUELY DESIGNED COMPOSITE BASE FOR FAST AND EASY BOTTLE INSERTION AND REMOVAL!**

Our latest development. **For general use.**

**CARBO CAGE COMP**

Material: Unidirectional Carbon fiber with composite bracket.  
Weight: 32 grams.  
Includes: 2 Lite Screws.



Most suited **for road racing.**

**CARBO CAGE**

Material: Multi-directional Carbon fiber with composite bracket.  
Weight: 32 grams.  
Includes: 2 Lite Screws.

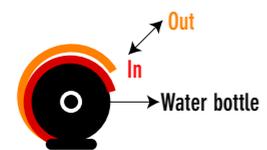
**THE EASIEST WAY TO CUT DOWN WEIGHT!**



REPLACE YOUR FRAME'S HEAVY STEEL BOTTLE CAGE SCREWS.

**LITE SCREW**

Material: 7075 T6 aluminum.  
Length: 20mm.



Flexible carbon fiber with specific sideways entry and exit design perfectly suited **for small frames.**

**CARBO CAGE LAT**

Material: Multi-directional Carbon fiber with composite bracket.  
Weight: 32 grams. Includes: 2 Lite Screws.



Offers the **most secure** bottle retention.

**CARBO CAGE SL**

Material: Multi-directional Carbon fiber with composite bracket.  
Weight: 32 grams. Includes: 2 Lite Screws.

**1ST PLACE: PARIS-BREST RACE - THE TOUGHEST ROAD RACE ON RECORD.**



**Perfect design breeds imitators**

but it takes true experience and technical skill to make these kinds of carbon fiber bottle cage properly. Starting with the shape of the body - these look amazing from an aesthetic point of view, but more importantly beneath the beauty lies the following characteristics:

1. Secure water bottle retention even while on extremely rough rides.
2. Easy bottle placement and removal.
3. High-grade carbon fiber body does not leave dings nor scratches on your water bottle as much as aluminum bottle cage.
4. High-quality materials stand the test of frequent use and abuse.
5. High-tech bonding process exclusive to WOODman ensures that the bracket will not separate from the body even after repeated usage under normal cycling situations.

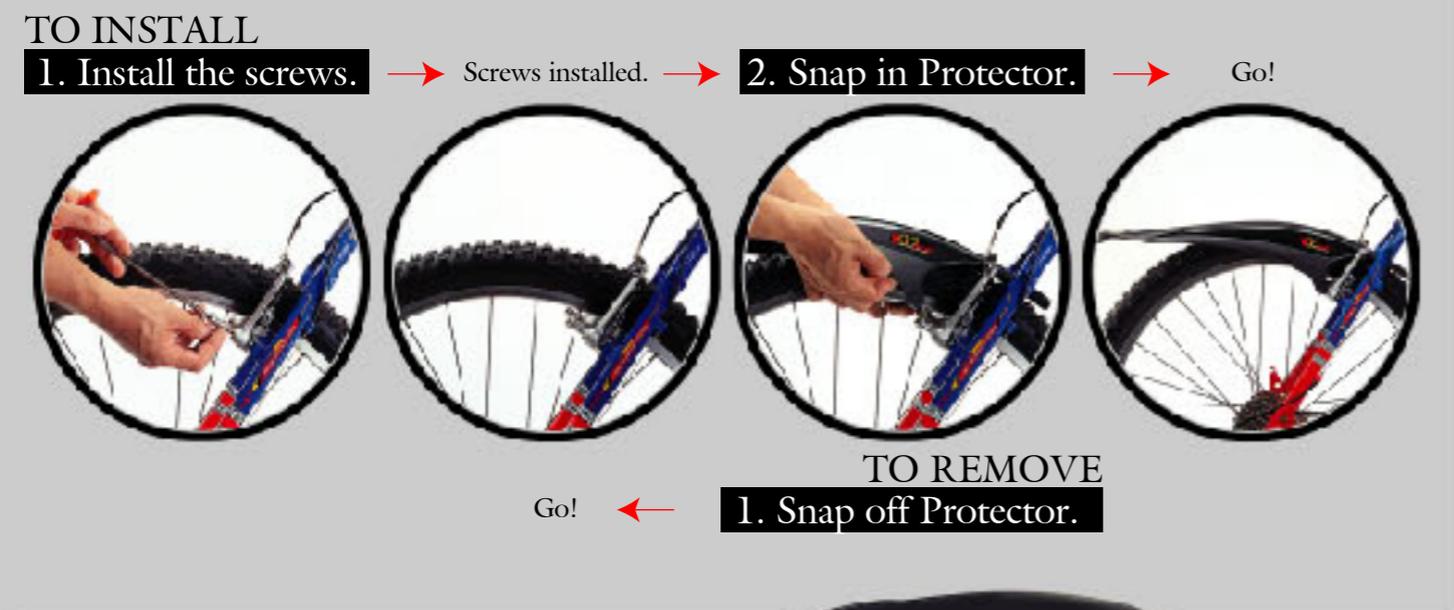


**CAN YOUR BOTTLE CAGE SURVIVE THIS?**

We devised this contraption ourselves to test the quality and function of our bottle cage. The bottle cage is shaken, rattled and pounded again and again, much more than real world use. So you get a bottle cage that are simply the best there is on this planet, and off!

**EXTRA-STRENGTH POWER-BONDING COMPOSITE BASE: CARBON BODY** **FUSED3 INDUSTRIAL-LEVEL**

Installing and removing WOODman Protector is as fast and easy as **TWO QUICK SNAPS!**



WOODman Protector's **"WRAP-AROUND"** design offers the **best protection** against water, mud and flying debris.



Works for MTB, Cross, Trekking, Kids' bikes, etc...

**1 PROTECTOR**  
Material: Synthetic compound.  
Application: For bikes with 26" to 700C wheel sizes.  
Weight: 155 grams.

**2 PROTECTOR 24**  
Material: Synthetic compound.  
Application: For bikes with 24" wheel size.  
Weight: 140 grams.

**REUSE REDUCE RECYCLE** Woodman Protectors are made from environmentally-friendly recyclable materials.

WOODman SHOCK SHIELD features unique **DUAL LOCK-SEALS**



**SHOCK SHIELD XL**  
Fits larger-sized shock units.  
Weight: 24 grams.

**SHOCK SHIELD**  
Fits regular-sized shock units.  
Weight: 23 grams.

Seal **BOTH ENDS** of the shock unit for complete protection!



Lock-Seals totally seals your shock. Mud and water won't leak in through the extremities.  
Stretch to fit any shock size. Snug coverage won't come off. Cut off excess.  
Shock stays clean after a muddy ride! No mud, no sand, nothing! Complete protection! Low maintenance.



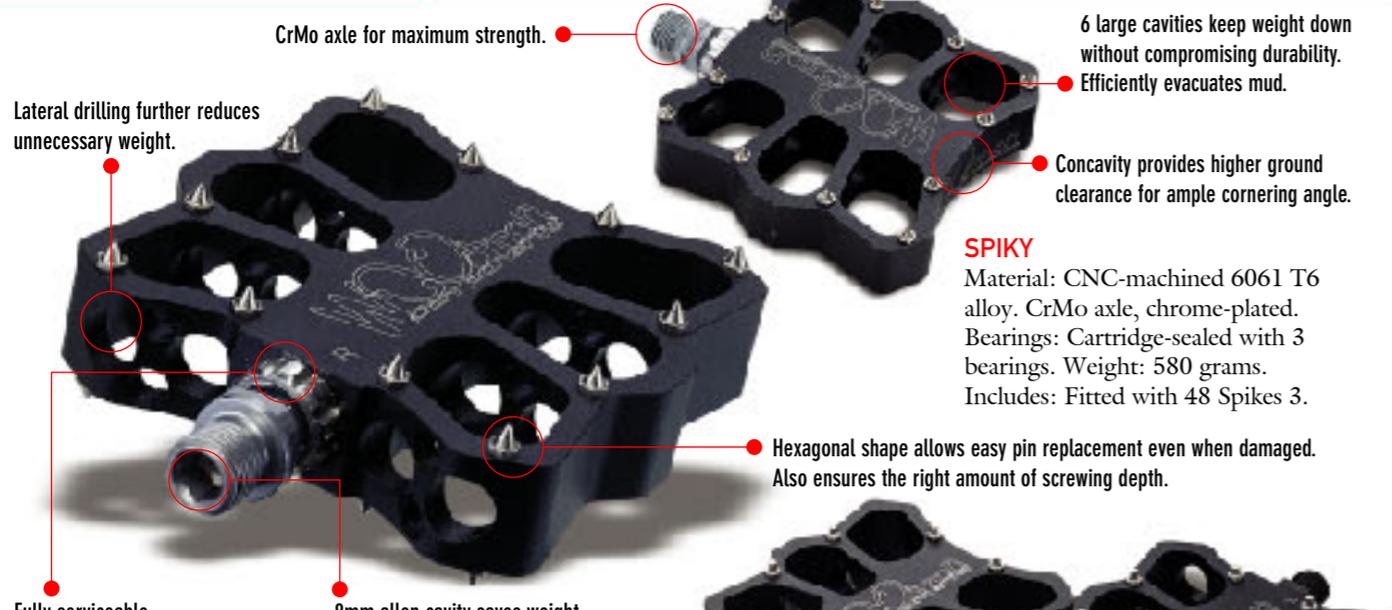
**O'PAD PLUS**  
Protects your frame from dents caused by hits from your triple-clamp forks.  
Adjustable padding thickness. In black, red and yellow.  
Fits all fork sizes.  
Weight: 10 grams.

Protects your chainstay finish from dents and damages caused by chain slap. In black, red and yellow.

**SAVER XL**  
Fits beefy carbon fiber and aluminum frames.  
Material: Extra-thick industrial-grade neoprene.  
Weight: 14 grams.

**SAVER**  
Fits regular-sized frames.  
Material: Extra-thick industrial-grade neoprene.  
Weight: 14 grams.





CrMo axle for maximum strength.

Lateral drilling further reduces unnecessary weight.

6 large cavities keep weight down without compromising durability. Efficiently evacuates mud.

Concavity provides higher ground clearance for ample cornering angle.

**SPIKY**

Material: CNC-machined 6061 T6 alloy. CrMo axle, chrome-plated. Bearings: Cartridge-sealed with 3 bearings. Weight: 580 grams. Includes: Fitted with 48 Spikes 3.

Hexagonal shape allows easy pin replacement even when damaged. Also ensures the right amount of screwing depth.

Fully serviceable.

8mm allen cavity saves weight.

**RETROFIT SPIKES TO YOUR PEDALS**

SPIKES give the best traction you'll ever experience, or opt for the more relaxed SPIKES COMP. Easy to remove even when damaged.

**SPIKES 3**

Material: Stainless. Thread: M3. Weight: 1 gram.

**SPIKES 4**

Material: Stainless. Thread: M4. Weight: 1 gram.

**SPIKES COMP 3**

Material: Stainless. Thread: M3. Weight: 1 gram.

**SPIKES COMP 4**

Material: Stainless. Thread: M4. Weight: 1 gram.



**SPIKY COMP**

Material: CNC-machined 6061 T6 alloy. CrMo axle. Bearings: Ball bearing with seal. Weight: 650 grams. Includes: Fitted with 32 Spikes Comp 3. Optional reflector mount.

Spikes 3 / Spikes Comp 3: Shimano® & most "American-made" pedals. Spikes 4 / Spikes Comp 4: Most other pedals.

**FAST F CRANKS**

**FAST F**

Trial crank with thread for freewheel. Material: Forged 6061 T6 and CNC-machined. Length: 160, 165, 170, 175mm. Standards: JIS square and ISIS. Includes: Chain guard. Color: Hi-polished silver crank. Black chain guard.



**WHAT'S THE USE OF REALLY NICE HIGH-QUALITY HEADSET TOOLS WHEN THEY'RE TOO EXPENSIVE FOR MOST PEOPLE?** WOODman provides a viable alternative to ultra-expensive headset tools with the TechTool series: Precise, easy-to-use because they're light, and most of all affordable. Nothing fancy. Nothing over-the-top. Perfect for bike shops, weekend DIY cycling enthusiasts or anyone on a budget who doesn't want nor need extra fancy and expensive headset tools but won't settle for low-quality either. WOODman TechTool offers best value for money!



**1 WRX**

Grease adopted from marine use. Resists water, steam and provides great anti-rust protection. Available in 10 grams and 120 grams.

**2 TECHTOOL HFCP**

Headset fixed cup press. Material: CNC-machined 6061 T6 alloy. Weight: 857 grams.

**3 TECHTOOL CRST**

Crown race setting tool. Sets the crown race on the fork crown. Material: CNC-machined 6061 T6 alloy.

**4 TECHTOOL HTRF**

1-1/8" head tube reamer and facing set. Material: CNC-machined 6061T6 alloy.

**5 TECHTOOL SPIKY CAT TOOL**

Servises Spiky axle. Material: Heavy duty steel. Color: Black with laser-etch logo.

**6 PRESS TOOL**

For all WOODman headsets with 1-1/8" steerer tube. Material: CNC-machined 6061 T6 aluminum. Color: Black anodized. Also available in 1", 1-1/4", 1.5.

**7 BILL'S TOOL**

For pre-year 2000 WOODman Bill, Front and rear. Bill LT, Bill LTV2 and Bill LTI series hubs.

**8 SPIKES TOOL**

Makes it easy to install or replace your WOODman Spikes.





- 1 HS DIAL**  
Lefty damper adjustment knob.  
Material: CNC-machined 6061 T6 aluminum.  
Weight: 15 grams.
- 2 XTENDER**  
Extend your disc mount by 43mm.  
Material: 6061 T6 aluminum.  
Weight: 33 grams.
- 3 DEATHGRIP QR**  
Material: Forged 6061 T6 aluminum. Stainless screws.  
Color: Black with laser-etched logo.  
Weight: 24 grams.
- 4 POST SHIM**  
Material: CNC-machined 6061 T6 aluminum.  
Diameter: 25.0mm seatposts for 25.8, 26.0, 26.2, 26.4, 26.6mm bike frames. 27.2 seatposts for 30.9, 31.6 and 31.8mm frames.  
Weight: 30 grams.
- 5 VRX ADAPTER**  
Suspension frames with Hayes® rear mount (Trek®, Jamis®, etc.) but want to ride with international standard caliper (Shimano®, Magura®, RST®, etc).  
Material: CNC-machined 6061 T6 alloy. Stainless screws.  
Color: WOODman gray.
- 6 U-U MAG XL**  
Perfect for trial bikes with Magura® brakes. Greater tire clearance.  
Material: CNC-machined. Carbon fiber.  
Weight: 19 grams.

WHAT'S THE SECRET BEHIND THE DEATHGRIP'S SUPERIOR SEATPOST CLAMPING PERFORMANCE?  
**FORGED ALLOY.**  
NOT ORDINARY EXTRUSION!



Forged alloy offers higher strength and better elasticity over ordinary extrusion.

**DEATHGRIP QR**  
We took our popular Deathgrip and integrated a quick release lever for quick and tool-free adjustment.  
Material: Forged 6061 T6 alloy.  
Color: Black with laser-etched logo.  
Weight: 50 grams.



**1 H.I.S. ADAPTER**  
Assemble classic 5-hole Hope disc onto international standard hubs.  
Material: CNC-machined 6061 T6 alloy. 6 stainless screws.  
Color: Black anodized.  
Available: H.I.S. F for front hubs. H.I.S. R for rear hubs.  
Weight: 44 grams.



**2 HS 11**  
Assemble V-brakes on Magura HS mount. Works great with WOODman eliTe and T-Pro frames, also with a lot of other frames in the market.  
Material: CNC-machined 6061 T6 alloy with stainless screws. CrMo brake studs.  
Color: Black.

PRE-LOAD DIAL A BIT TOO HARD TO OPERATE?



SMOOTH IT OUT WITH **WOODMAN TUNER M.** WITH LARGE AND EASY-TO-CATCH KNOB.

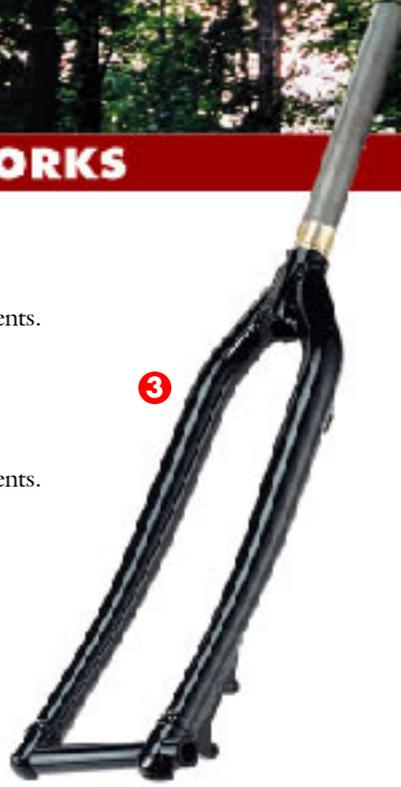
**TUNER M**  
For pre-2000 Manitou forks.  
Fully serviceable.  
Material: CNC-machined 6061 T6 alloy.  
Others: Sealed top cap.



FORKS



- 1 T-9 PLUS**  
Trial fork. For 9mm axle, 26" wheel.  
Material: 7005 T6 alloy. CNC-machined components.  
Color: Anodized black with laser-etched logo.
- 2 T-920**  
Trial fork. For 9mm axle, 20" wheel.  
Material: 7005 T6 alloy. CNC-machined components.  
Color: Anodized black with laser-etched logo.
- 3 T-20**  
For 26" wheel with 20mm thru axle.  
Material: 6061 T6 alloy. CNC-machined components. Includes: 20mm through axle.  
Color: Anodized black with laser-etched logo.



# FRAMES

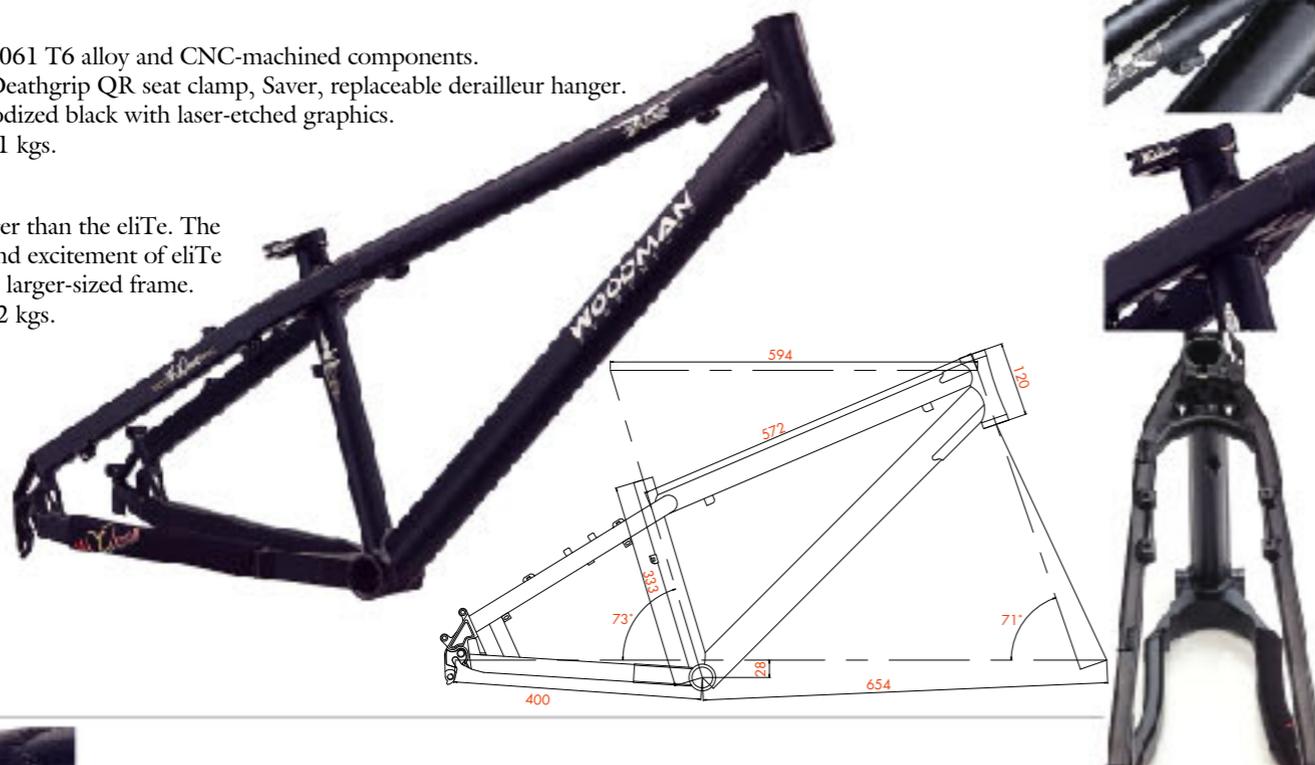
The missing link! With its **short chainstays (400mm)**, WOODman eliTe is packed with **fun and excitement!** Responsive, fast climber, corners like a dream, trial like a pro. Enjoy!

## eliTe

Material: 6061 T6 alloy and CNC-machined components.  
Includes: Deathgrip QR seat clamp, Saver, replaceable derailleur hanger.  
Color: Anodized black with laser-etched graphics.  
Weight: 2.1 kgs.

## eliTe ML

A little larger than the eliTe. The same fun and excitement of eliTe packed in a larger-sized frame.  
Weight: 2.2 kgs.



## T-PRO

New more attractive and stronger but lighter dropout.  
New geometry with higher BB clearance.  
Material: 6061 T6 alloy and CNC-machined components.  
Includes: Saver, replaceable derailleur hanger.  
Color: Anodized black with laser-etched graphics.  
Weight: 1.7 kgs.



## D SERIES FRAMES

Material: 6061 T6 alloy and CNC-machined components.  
Includes: Deathgrip QR seat clamp, Saver, adjustable and replaceable derailleur and brake hanger.  
Color: Anodized black with laser-etched graphics.

## D-ML

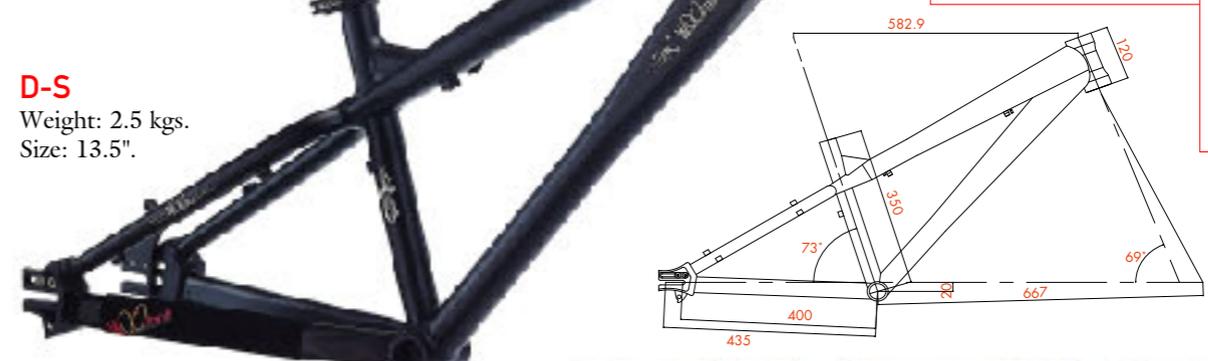
Weight: 2.5 kgs.  
Size: 18".



Adjustable rear center from 400 to 435. The **derailleur and caliper hangers move with the rear center** for uncompromised braking and shifting performance.

## D-S

Weight: 2.5 kgs.  
Size: 13.5".



## T-PRO 20

Material: 6061 T6 alloy and CNC-machined components.  
Includes: CNC-machined 6061 T6 alloy batch guard.  
Color: Anodized black with laser-etched graphics.  
Weight: 1.7 kgs.



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Woodman Components USA provides each original retail purchaser of the component or frame a one year warranty against defects in materials and USA dealer. This warranty is expressly limited to the repair or replacement of a defective frame or component and is the sole remedy of the warranty. This warranty applies only to the original owner and is not transferable. Claims under this warranty must be made through an authorized Woodman Components USA dealer with dated proof of purchase. The warranty does not cover normal wear and tear, improper assembly or follow-up maintenance, installation of parts or accessories not originally intended or compatible with the frame or component, damage or failure due to accident, misuse or neglect, or modification of the frame or component. Woodman Components USA shall not be responsible for incidental or consequential damages. Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you. This warranty gives the consumer specific legal rights, and those rights may vary from place to place. This warranty does not affect the statutory rights of the consumer. Woodman Components USA reserves the right to make changes at any time, without notice, in colors, materials, equipment, specifications and models.

To submit a product for warranty consideration, please contact Woodman Components USA to obtain a Return Authorization number. PACKAGES SENT WITHOUT AN RA# WILL BE REFUSED. Please include a detailed description of the problem along with the product. The consumer/dealer is responsible for all shipping costs associated with returning the product to Woodman Components USA.

[www.woodmancomponents.com](http://www.woodmancomponents.com)



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