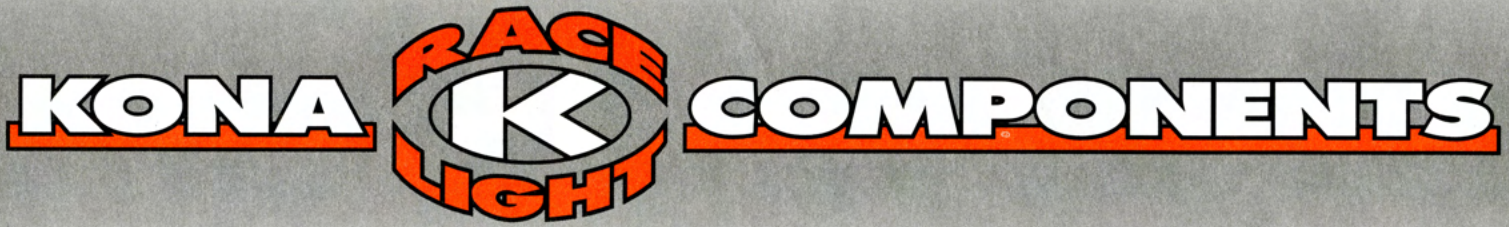

RACE
LIGHT


KONA
RACE
K
LIGHT
COMPONENTS

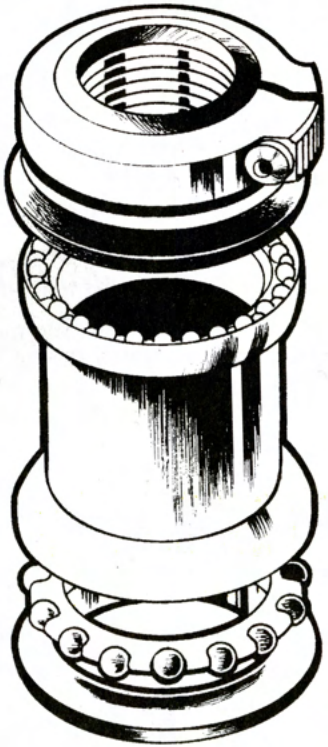
STRONG ENOUGH TO RACE
LIGHT ENOUGH TO WIN

The integrity of every **Kona Race Light** component must pass the test of that simple, but crucial statement. The history and purpose of the mountain bike dictates that a rider must be self-sufficient and capable of making it from start to finish with the same equipment. Strength and reliability are the first consideration. Very simply, you cannot afford to have any component break down in the middle of the wilderness or in the heat of a race. But durability is not enough. **Kona Race Light** components are made to solve problems: braking, comfort, maintenance, traction, weight reduction.

The pure enjoyment of a great mountain bike ride is enhanced by the performance of the lightest possible equipment. The balance of strength and weight must be carefully measured: by creating an intelligent design; by selecting the most appropriate materials; by machine and field testing not only our own, but also our competitors components to the breaking point in the extreme weather and terrain of the Pacific North West.

At **Kona Mountain Bikes**, we have been making our own bicycle components for many years. Most were developed when we found ourselves dissatisfied with the offerings of other manufacturers. Many of our parts have stood the test of time from both a design and durability point of view. However we are well aware that no one can claim to have developed the ultimate component. That is why our philosophy includes a policy of continuous refinement. Even the smallest improvement is worth making if bicycle performance can be enhanced.

There are **28 components** illustrated in complete detail in this catalog for your consideration. You will find quite a few of them have something better to offer you than the parts you are currently riding.



CONTROL CENTER

Control Center and Impact headsets. There are bigger headsets. There are lighter headsets. There are threadless headsets. But we do not think you will find a better headset. Chances are that you will never notice this critical component until it gives you trouble. The fact is that the part that holds your fork to the frame is much more important than the mere 5 or 6 ounces of weight that it carries.

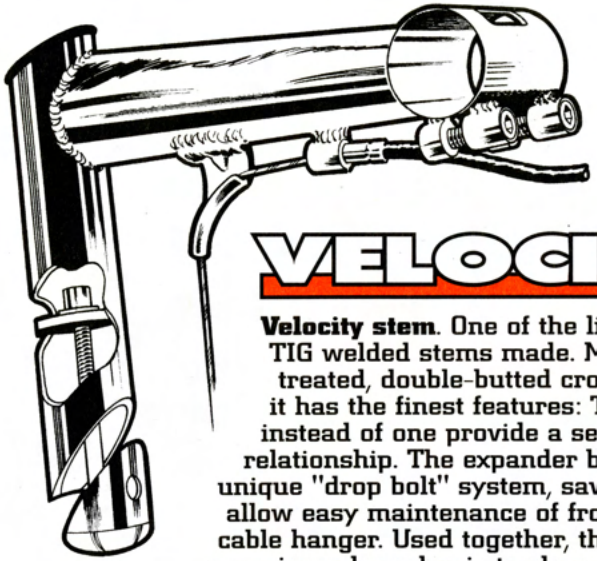
If you use a suspension fork, you will appreciate the simplicity of an adjustable cup that can be adjusted by hand and secured with a 4mm allen key. *NO* special headset tools required! The aluminum machined upper race has a full inch of thread inside in addition to the clamp area to assure the most reliable headset/fork column connection.

The 1/4" ball bearings in the lower race (compared to the usual 5/32") will stand up to the pounding of the gnarliest descent your front wheel has ever seen. We know many hardcore riders who have been using the Impact for 4 years without changing one bearing.

We re-designed the Impact this year by reducing the O.D. of the upper race and lightening the lower seal system. The *NEW* Control Center has the same design features, but saves weight by using aluminum bearing cups with steel inserts.

IMPACT

Weight: 135 grams (Control Center) 170 grams (Impact)
Sizes: 1" and 1-1/8"



VELOCITY

Velocity stem. One of the lightest TIG welded stems made. Made of heat-treated, double-butted cromoly tubing, it has the finest features: Two fixing bolts instead of one provide a secure handlebar/stem relationship. The expander bolt is shortened with a unique "drop bolt" system, saving valuable weight. Slotted cable stop and guide allow easy maintenance of front brake cable and eliminates the need for a headset cable hanger. Used together, the Velocity stem and Impact headset allows an experienced mechanic to change the front fork in about 10 minutes. Made in a wide variety of reaches and rises. Also made in 3-2.5 Titanium version.

Weight: 275 grams (Cromoly) 225 grams (Titanium)
Sizes: 1" and 1-1/8"
Reach/Rise: 100mm - 10 & 20 degree, 110mm - 10 & 20 degree, 125mm - 5 & 15 degree, 140mm - 0 & 10 degree

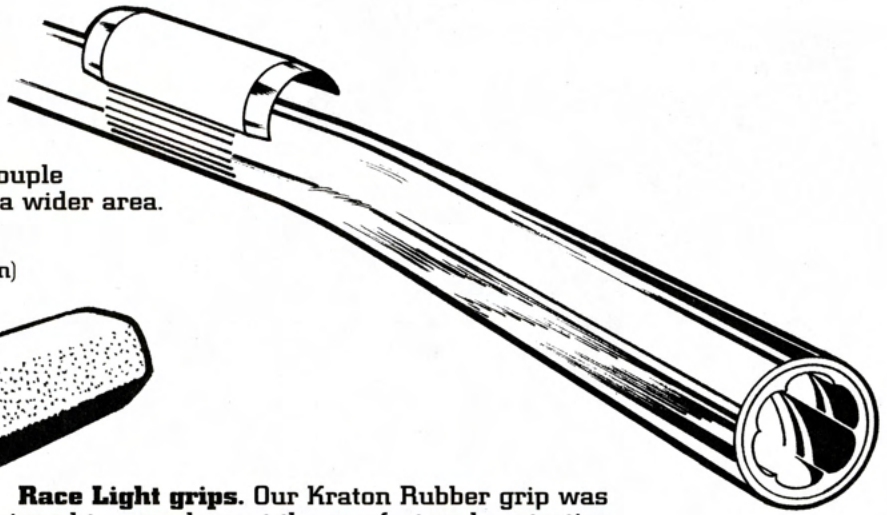
**Velocity stems are made for threaded systems only.*

THREADLESS HEADSET SYSTEMS - WHAT'S THE STORY?

Threadless (aka "Aheadset") fork/stem/headset systems have gained a lot of attention lately. Why don't we make one? First of all, a threaded headset has up to 1" of secure, threaded contact with the front fork. Then, the Impact and Control Center headsets give additional security with a top clamp section. Threadless systems do not have that benefit. Although a threadless system saves weight by using a stem without a quill, the entire weight savings are lost with a longer and heavier (30 gram) fork column and upper wedge (another 30 grams). The main benefit then seems to be a simpler fork inventory for manufacturers and distributors.

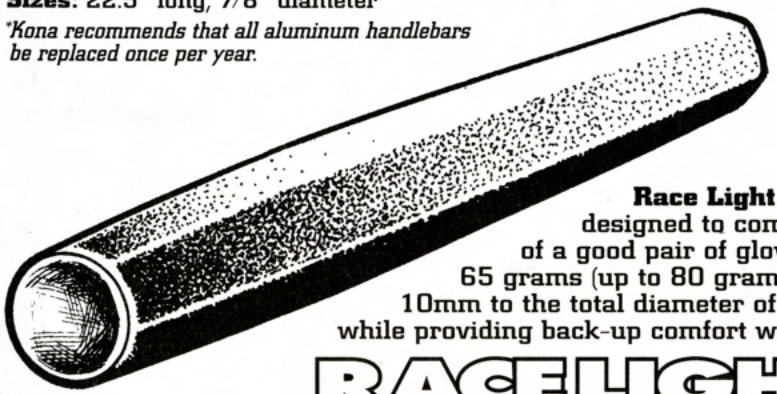
KONA SLIM

Kona Slim handlebar. Machine testing proves that when an ultra light handlebar fails, it snaps at the bulge. Our 165 gram handlebar is spirally reinforced and has no bulge - just a couple of shims that allow stress to be distributed over a wider area. Also available in 3-2.5 titanium.



Weight: 165 grams (Aluminum) 150 grams (Titanium)
Sizes: 22.5" long, 7/8" diameter

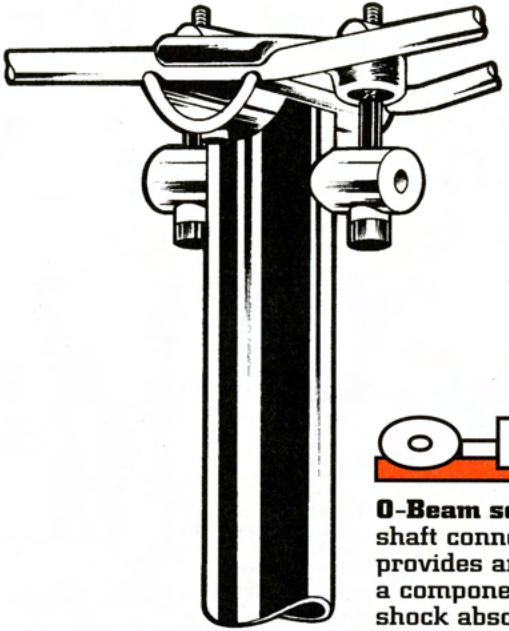
**Kona recommends that all aluminum handlebars be replaced once per year.*



Race Light grips. Our Kraton Rubber grip was designed to complement the comfort and protection of a good pair of gloves. By keeping the weight down to 65 grams (up to 80 grams less than a typical grip), we add only 10mm to the total diameter of a handlebar, preserving a positive "feel" while providing back-up comfort with an excellent non-slip surface.

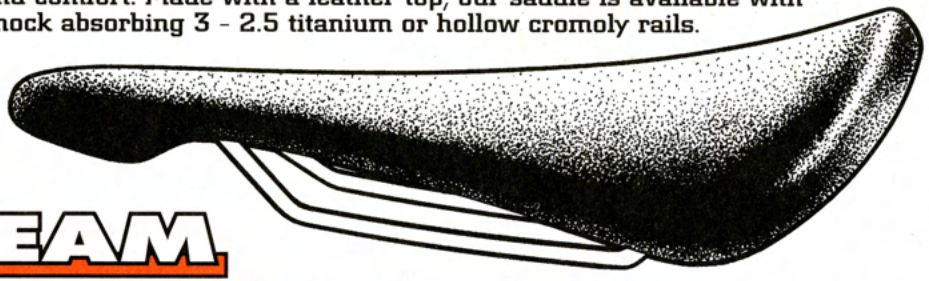
RACE LIGHT GRIPS

Material: Kraton Rubber
Weight: 65 grams/pair



RACE LIGHT SADDLE

Race Light saddle. The most important consideration in selecting a saddle is not the amount of padding, but the shape. The rear platform of the Race Light saddle provides great comfort. Combined with a severely sculptured front and lower section, it's an excellent combination of light weight and comfort. Made with a leather top, our saddle is available with shock absorbing 3 - 2.5 titanium or hollow cromoly rails.



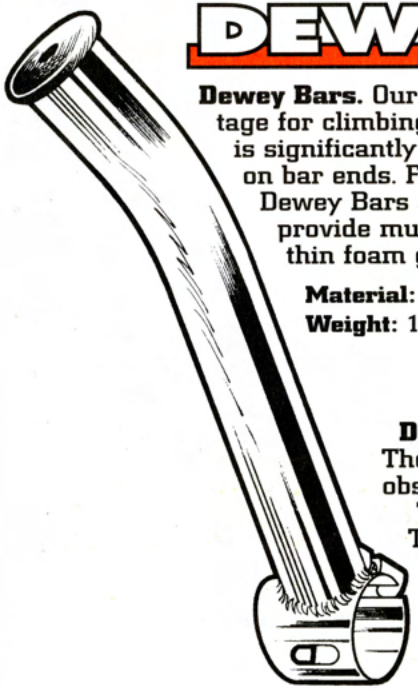
O-BEAM

O-Beam seatpost. A strong T6-6061 aluminum shaft connected to a solid double clamp section provides an elegant, strong and simple design for a component that takes a surprising amount of abuse. Or, take advantage of the shock absorbing qualities of titanium and hook up the lightweight Titanium O-Beam.

Weight: 195 grams (Titanium)
225 grams (Hollow Cromoly)

Weight: 250 grams (Aluminum) 220 grams (Titanium)

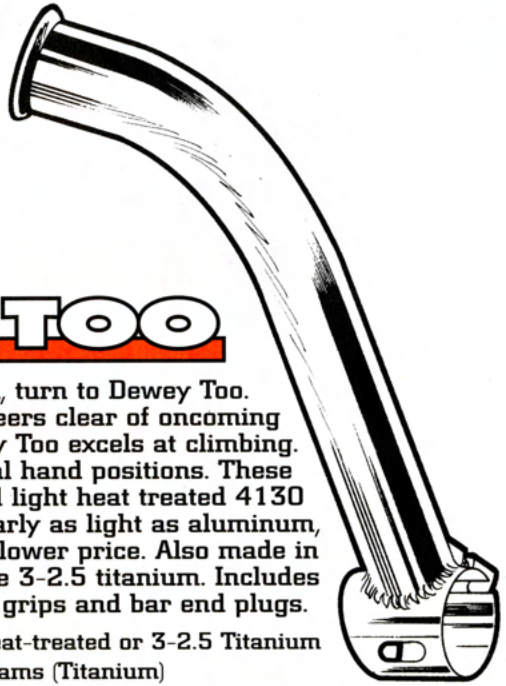
Size: 26.2mm, 26.4mm, 26.6mm, 26.8mm, 27.0mm 27.2mm, 28.4mm (Aluminum)
26.8mm, 27.0mm, 27.2mm (Titanium)



DEWEY BARS

Dewey Bars. Our original bar end provides a powerful advantage for climbing and flat out acceleration. Your performance is significantly improved with these easily installed, clamp on bar ends. Fashioned from light weight 4130 cromoly, Dewey Bars are heat treated for strength and shaped to provide multiple hand positions. Includes complete set of thin foam grips and bar end plugs.

Material: 4130 Cromoly, Double-butted, Heat-treated
Weight: 170 grams/pair

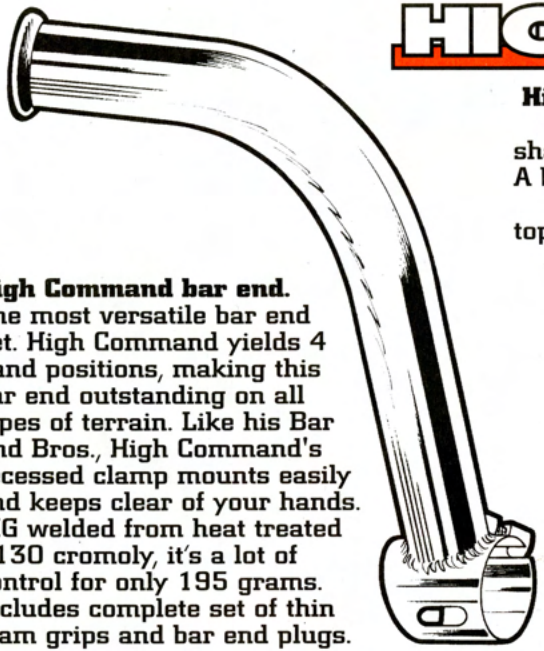


DEWEY TOO

Dewey Too. When off road becomes singletrack, turn to Dewey Too. The turned-in design keeps you in control and steers clear of oncoming obstacles. With a 20 degree inboard angle, Dewey Too excels at climbing. The overall length of 6.5" provides 3 functional hand positions. These TIG welded bar ends are made from strong and light heat treated 4130 cromoly, Dewey Too weighs 170 grams - nearly as light as aluminum, with greater tensile strength and a much lower price. Also made in lightweight and comfortable 3-2.5 titanium. Includes complete set of thin foam grips and bar end plugs.

Material: 4130 Cromoly, Double-butted, Heat-treated or 3-2.5 Titanium
Weight: 170 grams/pair (Cromoly) 110 grams (Titanium)

HIGH COMMAND

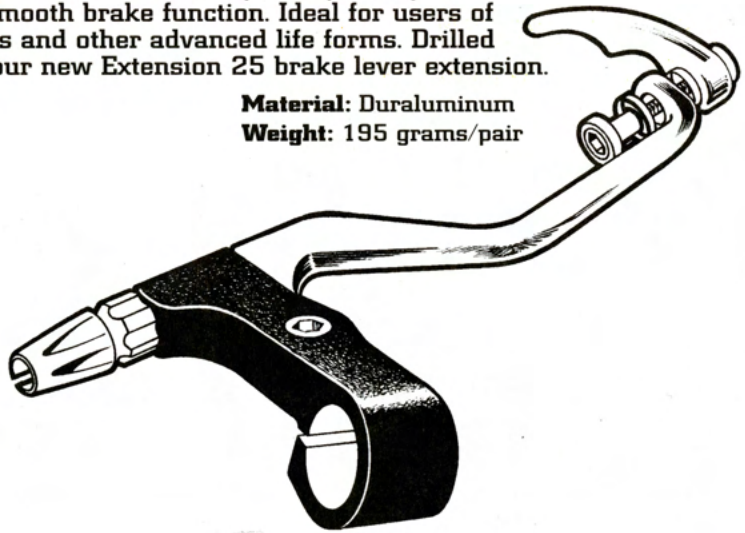


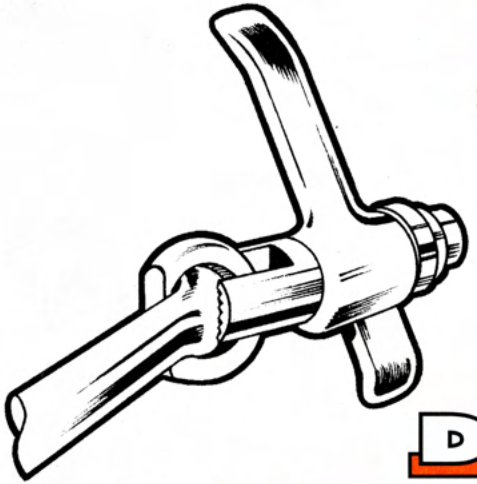
High Command bar end. The most versatile bar end yet. High Command yields 4 hand positions, making this bar end outstanding on all types of terrain. Like his Bar End Bros., High Command's recessed clamp mounts easily and keeps clear of your hands. TIG welded from heat treated 4130 cromoly, it's a lot of control for only 195 grams. Includes complete set of thin foam grips and bar end plugs.

Material: 4130 Cromoly, Double-butted, Heat-treated
Weight: 195 grams/pair

High Command brake lever. A light weight brake lever designed to work perfectly with bar ends. Ergonomically shaped for maximum leverage and minimum hand fatigue. A beautifully molded and machined pivot system provides extremely smooth brake function. Ideal for users of top mountshifters and other advanced life forms. Drilled to accept our new Extension 25 brake lever extension.

Material: Duraluminum
Weight: 195 grams/pair

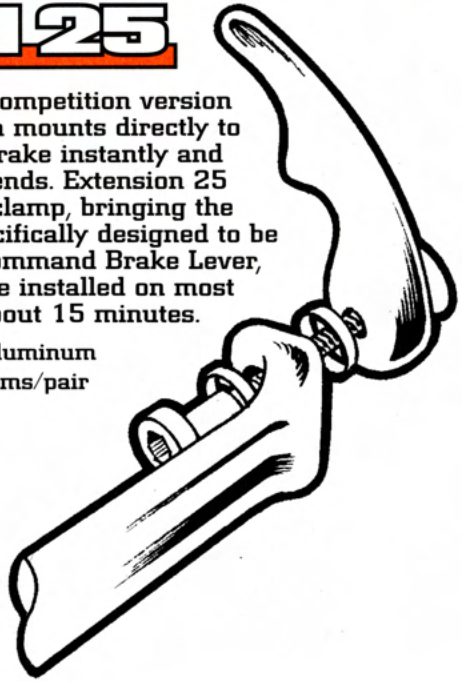




EXTENSION 25

Extension 25 brake lever extension. The competition version of Dr. Dew. It's trim and ergonomic design mounts directly to your brake lever, enabling the rider to brake instantly and powerfully from anywhere on the bar ends. Extension 25 attaches to your brake lever without a clamp, bringing the weight down to only 50 grams/pair. Specifically designed to be mated with the Kona Race Light High Command Brake Lever, Extension 25 can be installed on most other levers in about 15 minutes.

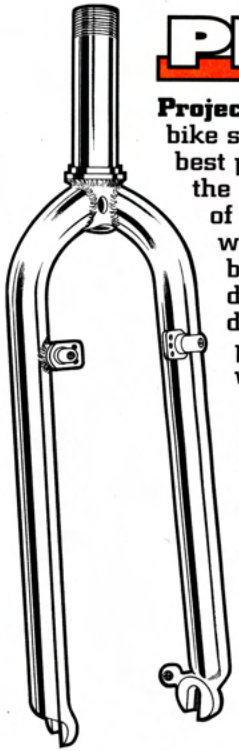
Material: Duraluminum
Weight: 50 grams/pair



DR. DEW

Dr. Dew brake lever extension. If you ride with bar ends (any of you retro-grouches still holding out?), you can use the Dew. It's our simple prescription that allows access to your brakes from anywhere on your bar ends. Easily installed, Dr. Dew is a clamp-on system that is compatible with almost every brake lever/bar end combination. Economical and made from lightweight aluminum, a pair weighs only 80 grams.

Material: Duraluminum/Cromoly
Weight: 80 grams/pair



PROJECT TWO

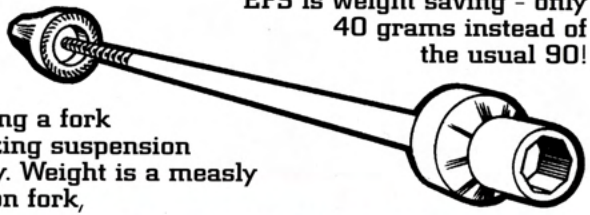
Project Two. Although serious off-road riders focus mostly on mountain bike suspension forks, the Project Two deserves consideration as the best performing rigid fork made. We would go so far as to say that the P2 was a major force in creating the balanced riding characteristics of Kona bicycles. Continuously refined over the years, Project Two now weighs in at a mere 779 grams, thanks to a triple-butted cromoly blade that tapers from 1.3 - 0.8 - 0.5mm. The strength of the large diameter 1-1/8" straight blade is augmented with investment cast dropouts and a spirally reinforced steer column. Project Two provides excellent comfort and handling for those rides when suspension is a detriment to your performance.

We took things one step further with the Titanium Project Two. It starts with a steer tube and dropouts machined from solid 6-4 titanium alloy. These are joined to oversized 3-2.5 titanium alloy blades, yielding a fork that features unsurpassed ride characteristics - amazing suspension without the weight plus outstanding torsional rigidity. Weight is a measly 625 grams - about 1.5 pounds less than a suspension fork, 250 grams less than a standard rigid fork.

	Weight	Sizes
Project Two	795 grams	1" or 1-1/8" steer column*
Project Two Ti	625 grams	1-1/8" steer column*

**Threaded steer columns only.*

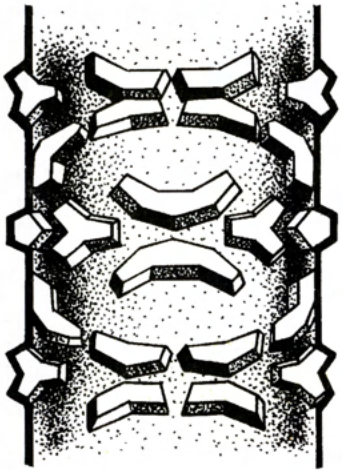
EFS Front Skewer. Security is the issue when matching front suspension to a hollow axle front hub. Quick release skewers are likely to catch obstacles or even loosen under extreme and constant weight loading. EFS skewers can be securely torqued to a shock fork with an 8mm allen key. The added bonus to the peace of mind delivered by EFS is weight saving - only 40 grams instead of the usual 90!



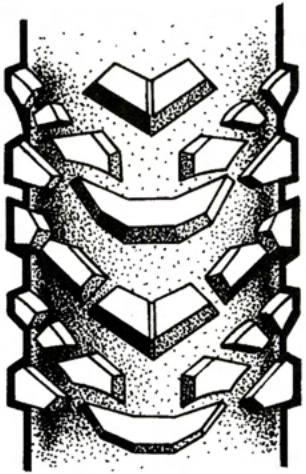
EFS SKEWER

Material: 4130 Heat-treated Cromoly/Duraluminum
Weight: 40 grams (front skewer only)

A:\Drive/B:\Drive tires. The latest word in matched front/rear tire systems. Since 1988, Kona has been the leader, when we produced the first matched set of mountain bike tires: front and rear tires with different designs for different functions. Made with the muddy Northwest in mind, wide tread spacing and options of two different densities in a grippy rubber compound, our new tires provide the ultimate in down and dirty performance. A:\Drive is a high volume (26 x 2.3) front tire featuring tall 7mm side knobs for enhanced stability and turning tenacity. 5mm center knobs are spaced wide for mud clearing while reducing rolling resistance and overall weight to 560 grams. For perfect clearance when using suspension forks, choose the A:\Drive in the new 26 x 2.0 size. Both tires are made in your choice of rubber hardness - Dark Grey with 58 durometer for soft grip, Dark Black with 65 durometer for hard grip.



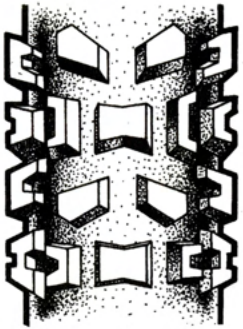
The B:\Drive is a 26 x 1.9" directional-specific rear tire designed to be the ideal companion to A:\Drive. Like A:\Drive, the knobs are spaced wide for efficient clearing. The two complementary rows of scoop-style treads provide excellent traction.



	Size	Weight	Casing	Bead
A:\Drive	26 x 2.3	560 grams	120 tpi	Kevlar
A:\Drive	26 x 2.0	540 grams	120 tpi	Kevlar
B:\Drive	26 x 2.0	590 grams	120 tpi	Kevlar

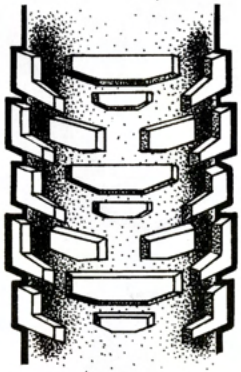
A:\DRIVE

B:\DRIVE



EQUILIBRIUM

Equilibrium/Propulsion tires. Designed for hard pack conditions and similar in concept to A:\Drive and B:\Drive, Equilibrium and Propulsion are another pair of tires made to work with each other, using complementary tight knob patterns. Equilibrium is a large volume (26 x 2.2) front tire that delivers excellent shock absorption and confident steering. The big 7mm side knobs provide the stability on a lightweight and responsive casing. Propulsion's efficient V-Tread and mid sized casing provide superb acceleration and enough clearance for even the shortest chainstays.

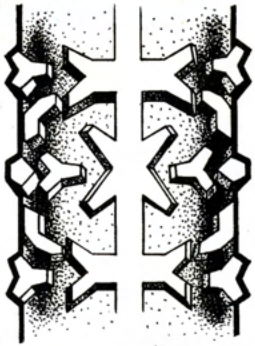


	Size	Weight	Casing	Bead
Equilibrium	26 x 2.2	675 grams	60 tpi	Steel
Propulsion	26 x 2.0	650 grams	60 tpi	Steel

PROPULSION

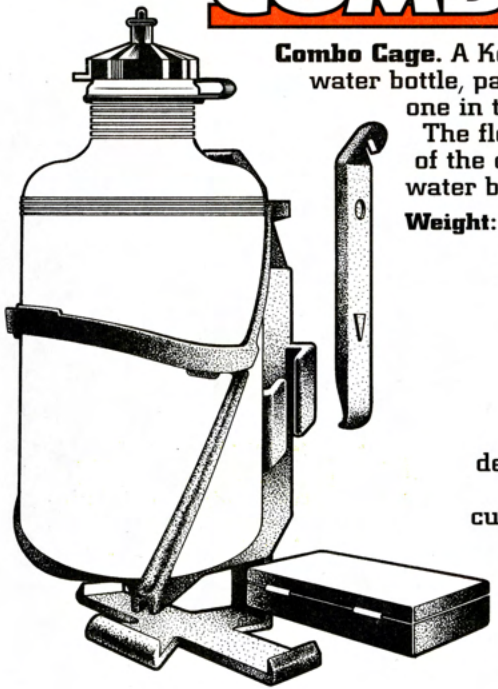
RUSH HOUR

Rush Hour. A new 26 x 1.6 multi-purpose tire that is primarily designed for city riding. The connected center ridge provides low rolling resistance on paved surfaces. Two rows of mid-sized knobs allow the occasional journey on groomed trail. Ideal for the urban commuter.



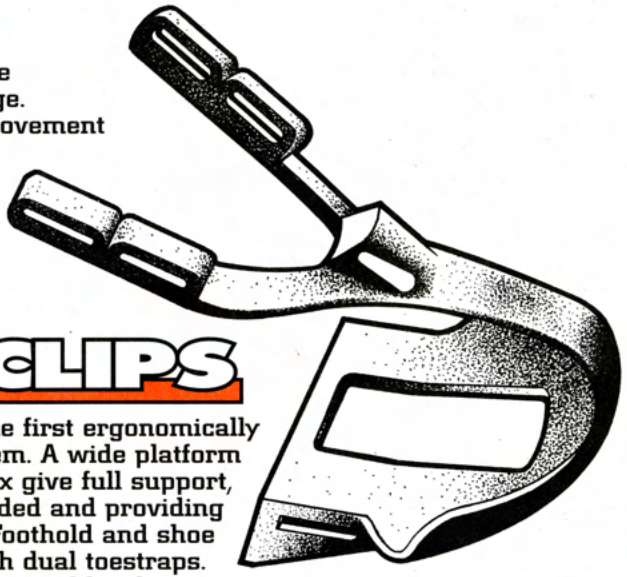
	Size	Weight	Casing	Bead
Rush Hour	26 x 1.6	550 grams	60 tpi	Steel

COMBO CAGE



Combo Cage. A Kona Original. All the basics - water bottle, patch kit and tire levers - become one in this sturdy and light weight cage. The flexible retaining bar restricts movement of the cage, preventing loss of your water bottle in almost any situation.

Weight: 90 grams (cage only)
195 grams (with tire levers/ patch kit/water bottle)



JOE'S CLIPS

Joe's Clips. At 99 grams, the first ergonomically designed, complete toe clip system. A wide platform and specially shaped toe box give full support, cutting weight where it's not needed and providing strength where you want it. Foothold and shoe position are secured with dual toestraps. A complete set of spacers and hardware guarantees comfort in the power zone.

Material: PVC **Weight:** 99 grams/pair (clips only)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KONA MOUNTAIN BIKES

1122 Fir Avenue, Blaine, WA, 98230 • Tel 206-332-5384 Fax 206-332-7073
In Canada: The Bicycle Group • 343 Railway Street, Vancouver, BC, V6A 1A4 • Tel 604-684-4933 Fax 604-684-6332

PRINTED IN CANADA