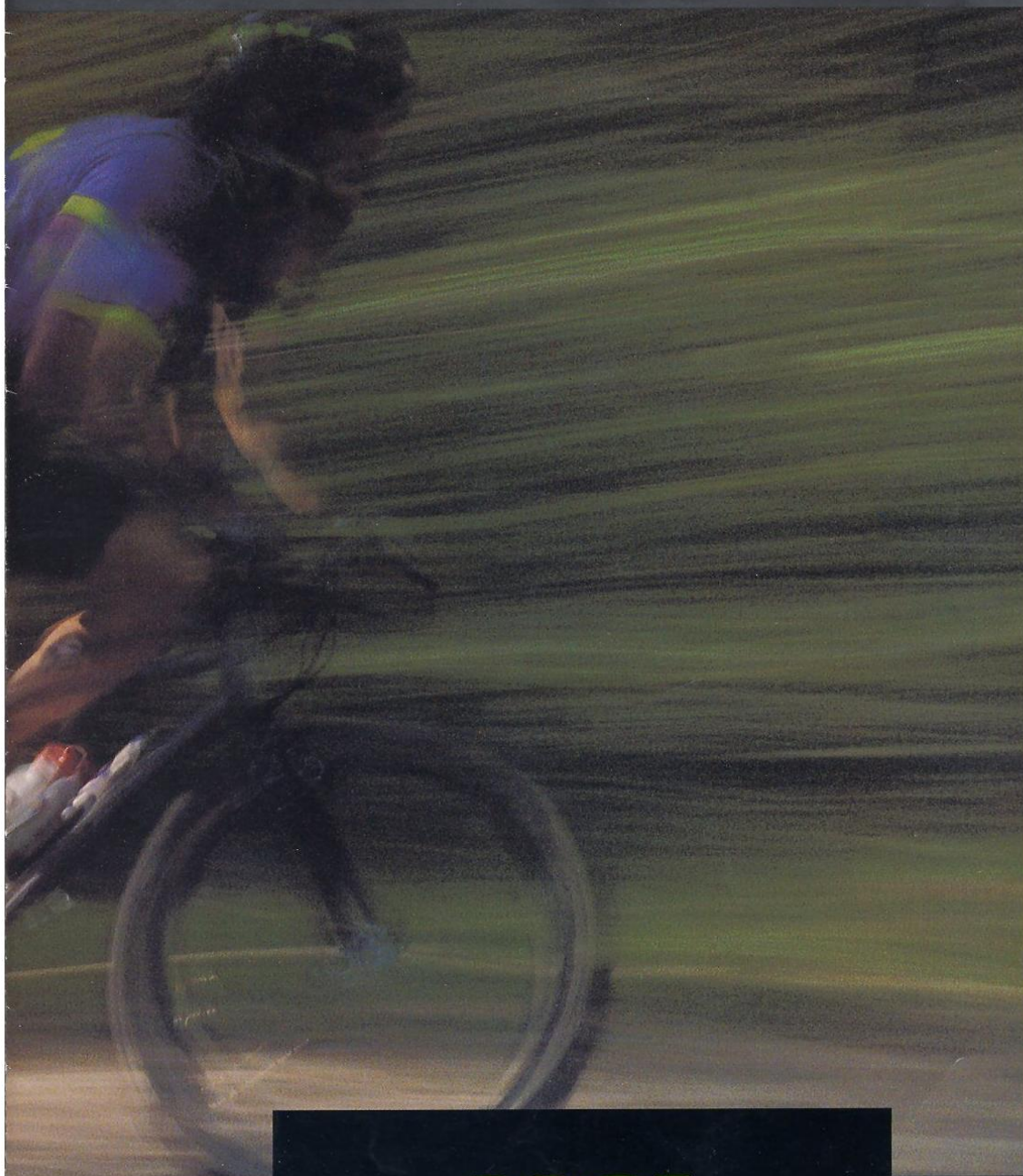


 **KONA**



**1991
MOUNTAIN
BIKES**

KONA HAHANNA



INNOVATIVE DESIGN. MULTI-PURPOSE FUN.

Most companies lavish all their time and attention on a top of the line model, then expect you to believe the "trickle-down theory" of performance. Not KONA. Every bicycle shares the same design philosophy, including our multi-purpose on-off road vehicle, Hahanna (means "hot" in Hawaiian). Joe Murray's sloping top tube performance geometry. Project Two Sport fork. Maximum/Reaction tires. Velocity Sport stem. Greasealer bottom bracket. Shimano 200 LX component group with cassette hubs. It's a hot performance package with all of the up to date technology to make your fat tire riding the most fun you've ever had.

KONA FIRE MOUNTAIN



OUTSTANDING PERFORMANCE. ENTRY LEVEL PRICE.

The Fire Mountain demands and deserves to be ridden hard. Joe Murray's performance geometry on a cromoly frame with Project Two Sport fork will give you the confidence to ride stronger than ever before. We firmly believe that no other company makes a better *real* mountain bike in this price range. The component package includes Shimano 300 LX component group with cassette hubs, Maximum/Reaction tires, Velocity Sport stem, and Greasealer bottom bracket. We know you'll be a believer, too!

THE IMPACT

Joe Murray



JOE MURRAY

WINNING RACER. WINNING DESIGNS.

Joe Murray has been racing and defeating the world's best mountain bike racers for 10 years, longer than any other competitor. With over 75 victories and two NORBA National Championships, his outstanding achievements in the sport were recognized with his induction as an original member of the Mountain Bike Hall of Fame in 1988.

During this time, Joe has created over 50 original frame and component designs, drawing on his experience as a racer, and his working relationship with some of the world's leading frame and component makers to develop innovative and intelligent designs for the Bicycle Group.

THE BICYCLE GROUP

THE COMPANY.

Most bicycle companies are driven by marketing ambitions that list world domination and the bottom line as their ultimate goal. Not The Bicycle Group. TBG is a company of partners and associates who have an extensive range of experience in the sport and business of cycling. Based for many years in the Pacific Northwest, we have been serving a clientele that demands the right cycling equipment for extreme weather conditions. As specialists in mountain bikes since 1981, we have a working understanding of the development of fat-tire bikes at all levels.

SLOPING TOP TUBE FRAME

GOOD REASONS FOR A GOOD DESIGN.

Joe Murray didn't invent the sloping top tube. The design has been around for over 100 years. But he adapted and refined and tested and raced the design with so much success that almost every bicycle company in the world offers one or more sloping top tube mountain bikes in their line.

It makes sense. Clearance and stand over height is greater. The frame is smaller and lighter. With a shorter seat tube, there is less flex at the bottom bracket, the rear triangle is tighter and smaller, and the acceleration is significantly improved.

Impact Headset



KONA LAVA DOME



RACE MACHINE. READY TO FLY.

Joe Murray set out to design the most affordable and best performing true race machine. The Lava Dome. It's an unqualified success. Racing geometry. Kona double-butt tubing. Project Two fork. Race components and accessories by Joe Murray: Impact headset, Maximum/Reaction tires, Velocity stem, Kona 165 aluminum bar, Joe's Clips, Combo Cage and Shimano 500 LX component group. You'll be proud to fly with the Lava Dome at the races.

KONA CINDER CONE



HOT TUBES. HOT RIDE.

The Cinder Cone takes advantage of bicycling's best value in a mountain bike component group: Suntour XC Limited. A worthy successor to the popular XCD group, XC LTD is often found on bicycles priced almost twice as high. Joe Murray's sloping top tube performance design uses the lightest Kona butted cromoly tubing and Project Two fork. Combined with the outstanding Equilibrium/Propulsion tires, and Joe Murray's performance component package, the Cinder Cone is a flaming hot ride!

PORTANCE

Project Two Fork



JOE MURRAY IMPACT HEADSET

ELEMENTARY STRENGTH.

A headset is not a complicated part of a bicycle. Very simply, it must be strong in the lower race and easy to adjust. Most headsets require expensive tools and fussy adjustment. The Impact can be adjusted by hand and secured with a simple 5mm allen key. The lower ball bearings are 1/4", much stronger than standard 5/32" bearings used in other headsets. Combined with the longer head tube created by Kona's sloping top tube frame, the Impact headset will last longer than any other "revolutionary" headset made.

JOE MURRAY PROJECT TWO FORK

THE PROFESSIONAL CHOICE.

Next to the frame, the front fork is the most important in determining riding performance.

That's why 7 of the top 30 men and women from 5 different professional teams use the Project Two fork. Re-designed for 1991, the P2 is better than ever. With larger diameter taper gauge cromoly blade, the Project Two fork provides exceptional torsional strength, steering and comfort.

JOE MURRAY TRACK TWO FORK

SHARP CUT. SMOOTH RIDE.

The evolution of mountain bike forks continues with Track Two. Also re-designed for 1991, it features a lighter and stronger T6 6061 aluminum crown, providing extra strength where it's needed. The first triple butted fork blade for mountain bikes is joined to a beautiful investment cast dropout. It's a beautiful balance of light weight, torsional strength, stability and comfort. Specifically designed for the punishing rider, the Track Two fork has clearance for the fattest tires made, and allows for replacement of both blades.

Track Two Fork



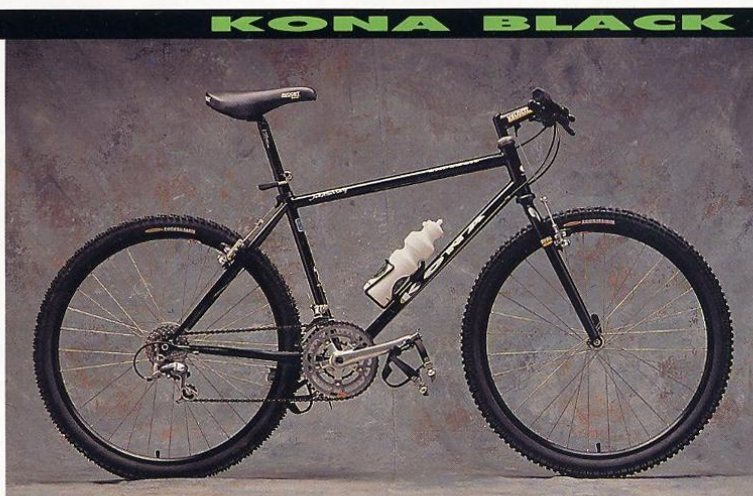
COMPLETE HIGH PERFORMANCE RACE PACKAGE.

The Explosif has quickly and quietly gained a reputation as the limited production bike that rides like a hand built. It starts with the best heat-treated mountain bike tubing: Tange Prestige Concept. Original in it's thin wall, specially shaped design, it is remarkably strong, rigid and light. Joe Murray's Track Two fork adds another dimension of strength, stability, and steering. To the frame are added Joe Murray designed Equilibrium and Propulsion tyres, Velocity stem, Impact headset, and Joe's Clips. A component choice of either Shimano Deore DX, XT or Suntour XC Comp all with a top mount shifter option enables you to choose the ultimate race bike to suit your pocket and riding style.



CLASSIC BLACK.

Every Kona mountain bike is available in Black, in addition to it's stock color. All of our tires have black skinwalls, too. There is an undisputable elegance to a color who's simplicity incorporates every other color. Combined with black chrome Project Two and Track Two forks you have the best designed and the hottest looking bike in the dirt or on the streets. Kona have redefined the term "Classic Mountain Bike".



OF GOOD

Equilibrium/Propulsion Tires



JOE MURRAY EQUILIBRIUM/ PROPULSION TIRES

A PERFECT MATCH.

Mountain bike tires have to work together. Equilibrium 26 x 2.2 on the front, combined with Propulsion 26 x 2.0 on the rear, work beautifully. Equilibrium is designed to absorb maximum shock, improve stability, and provide confident steering. Propulsion's V-shape tread accelerates and climbs efficiently. Both made with the highest quality casing in the world, available in Kevlar bead (600 grams) or Steel bead (650 grams).

JOE MURRAY MAXIMUM/ REACTION TIRES

THE ORIGINAL PAIR.

Maximum/Reaction was the first pair of matching mountain bike tires, pioneering the concept for Equilibrium/Propulsion. Maximum 26 x 2.2 front tire is comfortable, provides predictable steering. Reaction 26 x 2.0 rear tire has a wide center band of knobs for excellent acceleration and climbing characteristics. Available in Kevlar bead (625 grams) and Steel bead (675 grams).

JOE MURRAY VELOCITY STEM

STRONG DIRECTION.

Riders who demand high performance from their bike and body need the right link between the frame and the handlebar. Joe Murray's Velocity stem is a low profile design, primarily designed for racing and training. The quill is 1" longer than other stems, allowing adjustment for higher riding positions. The new slotted cable guide enables quick cable maintenance and adjustment.

Maximum/Reaction Tires



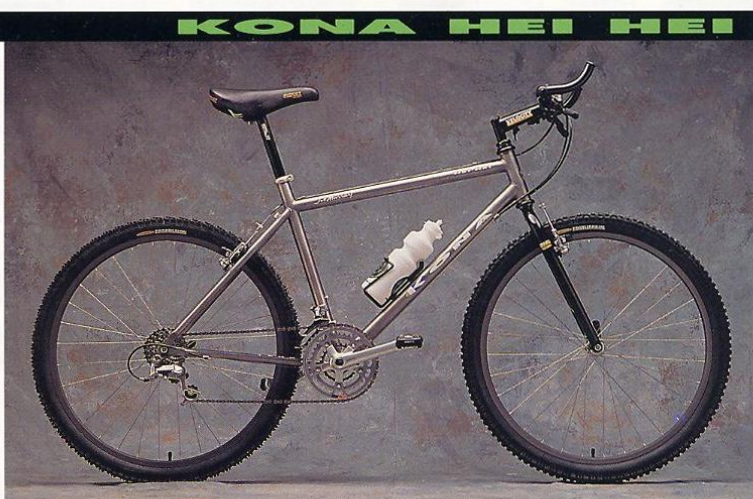
AMERICAN CRAFTSMANSHIP. INCREDIBLE VALUE.

It is possible to quantify the difference between an individually hand-crafted mountain bike frame and a production bike. It is worth the wait for an American built frame for those who understand and ride mountain bikes to the limit. Kona Hot is the collaboration of Joe Murray and one of America's most experienced and respected mountain bike builders. It takes advantage of Tange Prestige Concept tubing, and is TIG welded for strength and light weight. Kona Hot features Suntour's hot new XC Pro "Grease Guard" component group. In addition, Kona's custom selection of colors, braze-ons, component groups, and component options let you create the bike of your dreams.



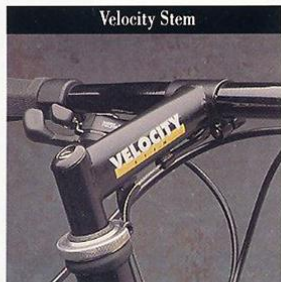
THE RACE OF YOUR LIFE. ON STRATEGIC METAL.

Joe Murray has been designing and racing titanium mountain bikes from the beginning. He has proven the reliability and performance of titanium with four successful years of racing. It's only natural that he would design a completely new Kona team race machine that is all his own. Titanium alloy is the ideal material for a mountain bike, stronger than the best cromoly steel, lighter, more comfortable and efficient than aluminum. Made in the USA with aircraft quality titanium alloy, the Hei Hei (means "Race" in Hawaiian) is the ultimate in high-technology mountain bike racing performance.

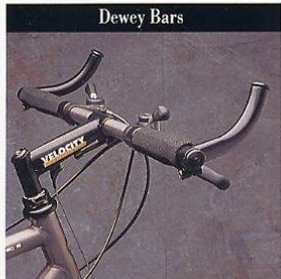


DESIGN

Velocity Stem



Dewey Bars



KONA HANDLEBARS

THE WEIGHT FACTOR.

Lighter than the lightest heat-treated cromoly handlebar, aluminum (165 grams) and titanium (150 grams) provide weight savings of 100 to 200 grams while being more forgiving to tired arms, necks and backs.

DEWEY BARS

LOGICAL EXTENSION.

Racers crossing over from off-dirt competition have sought in vain for a position that matches their road bikes. Dewey bars are handlebar extensions that provide the most efficient position for climbing and flat-out power.

GREASE SEALER BOTTOM BRACKET

GREASE INJECTION SYSTEM.

Every Kona mountain bike has a bottom bracket that can be greased without dismantling. Simply pump two or three times with your grease injector through the grease port located under the bottom bracket.

JOE'S CLIPS

COMFORT IN THE POWER ZONE.

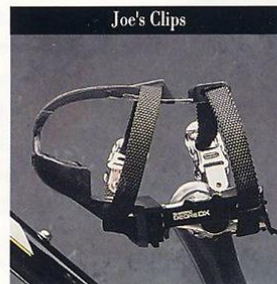
The first ergonomically designed toe clip system, Joe's clips have a wide platform and a specially shaped toe box to give full support. Foothold and shoe position can be fine tuned with two toe straps. Toe flips allow easy pedal access.

JOE MURRAY COMBO CAGE

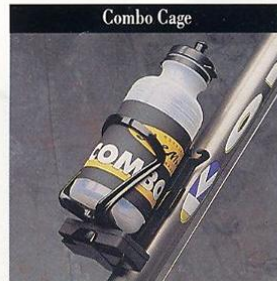
ESSENTIALS.

Don't leave home without a fully stocked Combo Cage. This original design carries a water bottle, patch kit and tire levers in one simple and neat package, easily mounted and reached on the Kona down tube braze-on fittings.

Joe's Clips



Combo Cage



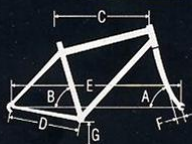


SPECIFICATIONS

	KONA HAHANNA*	KONA FIRE MOUNTAIN	KONA LAVA DOME	KONA CINDER CONE
FRAME	Kona Cromoly	Kona Cromoly	Kona Butted Cromoly	Kona Light Butted Cromoly
FORK	Joe Murray Project Two Sport	Joe Murray Project Two Sport	Joe Murray Project Two	Joe Murray Project Two
HEADSET	Sealed Tech	Sealed Tech	Joe Murray Impact	Joe Murray Impact
CRANKS	Shimano 200 LX	Shimano 300 LX	Shimano 500 LX	Suntour XC LTD
CHAINRINGS	Shimano Biopace	Shimano Biopace	Shimano Superglide	Suntour Powering
BOTTOM BRACKET	Tange with Greasealer	Tange with Greasealer	Tange with Greasealer	Suntour LTD with Greasealer
PEDALS	LXT	LXT Racing	LXT Racing Alloy with Joe's Clips	SR Sakae Low Fat with Joe's Clips
CHAIN	Shimano Hyperglide	Shimano Hyperglide	Shimano Hyperglide	Suntour Accushift Plus
FREEWHEEL	Shimano Hyperglide 13-30 7 Speed	Shimano Hyperglide 13-30 7 Speed	Shimano Hyperglide 13-30 7 Speed	Suntour Accushift Plus 12-28 7 Speed
DERAILLEURS	Shimano 200 LX 7 Speed Rapidfire	Shimano 300 LX 7 Speed Rapidfire	Shimano 500 LX 7 Speed Rapidfire	Suntour XC LTD 7 Speed X-Press
HANDLEBAR	Kona MTB	Kona MTB	Kona 165 Aluminum	Kona 165 Aluminum
STEM	Joe Murray Velocity Sport	Joe Murray Velocity Sport	Joe Murray Velocity	Joe Murray Velocity
BRAKES	Shimano 200 LX Low Profile Cantilever	Shimano 300 LX Low Profile Cantilever	Shimano 500 LX Low Profile Cantilever	Suntour XC LTD Low Profile Cantilever
HUBS	Shimano 500 LX Cassette	Shimano 500 LX Cassette	Shimano 500 LX Cassette	Suntour XC LTD Cassette
RIMS	Araya MP-22	Araya VP-20	Araya RX-7	Ukai UM-17 32 Hole
FRONT TIRE	Joe Murray Maximum 26 x 2.2	Joe Murray Maximum 26 x 2.2	Joe Murray Maximum 26 x 2.2	Joe Murray Equilibrium 26 x 2.2
REAR TIRE	Joe Murray Reaction 26 x 2.0	Joe Murray Reaction 26 x 2.0	Joe Murray Reaction 26 x 2.0	Joe Murray Propulsion 26 x 2.0
SADDLE	Avocet Touring	Avocet Racing	Avocet Racing	Avocet Racing I
SEAT POST	Kalloy 300mm Alloy	Kalloy SP-242 300mm	Kalloy SP-242 300mm	Kalloy SP-243 300mm
COLORS	Magenta or Black	Sajel Blue or Black	Purple or Black	Cinder Gold or Black
BRAZE-ONS	Fender, Rear Rack Mounts Two Water Bottles	Fender, Rear Rack Mounts Two Water Bottles	Fender, Rear Rack Mounts Two Water Bottles	Fender, Rear Rack Mounts Two Water Bottles
EXTRAS			Joe Murray Combo Cage	Joe Murray Combo Cage
OPTIONS				

*Not available in USA

GEOMETRY



	A	B	C	D	E	F	G
16"	70.5	74	21.75"	16.75"	41.5"	1.65"	11.5"
18"	71.0	73	23.0"	16.75"	42.5"	1.65"	11.75"
19"	71.0	73	23.5"	16.75"	43.0"	1.65"	11.75"
20"	71.0	73	24.0"	16.75"	43.7"	1.65"	11.75"

Specifications subject to change without notice.



SPECIFICATIONS

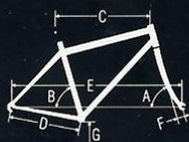
	KONA EXPLOSIF	KONA XT	KONA HOT*	KONA HEI HEI*
FRAME	Tange Prestige Concept	Tange Prestige Concept	Tange Prestige Concept	Titanium Alloy 3-2.5
FORK	Joe Murray Track Two	Joe Murray Track Two	Joe Murray Track Two	Joe Murray Track Two
HEADSET	Joe Murray Impact	Joe Murray Impact	Tange Vantage	Tange Vantage
CRANKS	Shimano Deore DX	Shimano Deore XT	Suntour XC Pro	Shimano Deore XT
CHAINRINGS	Shimano Superglide	Shimano Superglide	Suntour Powering	Shimano Superglide
BOTTOM BRACKET	Shimano DX with Greasealer	Shimano DX with Greasealer	Suntour Grease Guard	Shimano XT with Greasealer
PEDALS	SR Sakae Low Fat Comp with Joe's Clips	SR Sakae Low Fat Comp with Joe's Clips	Suntour Grease Guard with Joe's Clips	Shimano Deore XT Clipless
CHAIN	Shimano Hyperglide	Shimano Hyperglide	Suntour Accushift Plus	Shimano Hyperglide
FREEWHEEL	Shimano Hyperglide 12-28 7 Speed	Shimano Hyperglide 12-28 7 Speed	Suntour Accushift Plus 12-28 7 Speed	Shimano Hyperglide 12-28 7 Speed
DERAILLEURS	Shimano Deore DX 7 Speed Rapidfire	Shimano Deore XT 7 Speed Rapidfire	Suntour XC Pro 7 Speed X-Press	Shimano Deore XT 7 Speed Rapidfire
HANDLEBAR	Kona 165 Aluminum	Kona 165 Aluminum	Kona 150 Titanium	Kona 150 Titanium
STEM	Joe Murray Velocity	Joe Murray Velocity	Joe Murray Velocity	Joe Murray Velocity
BRAKES	Shimano Deore DX Low Profile Cantilever	Shimano Deore XT Low Profile Cantilever	Suntour XC Pro Low Profile Cantilever	Shimano Deore XT Low Profile Cantilever
HUBS	Shimano Deore DX Cassette	Shimano Deore XT Cassette	Suntour Grease Guard Cassette	Shimano Deore XT Cassette
RIMS	Ukai UM-17 32 Hole	Ukai UM-17 32 Hole	Araya RM-17 32 Hole	Araya RM-17 32 Hole
FRONT TIRE	Joe Murray Equilibrium 26 x 2.2	Joe Murray Equilibrium 26 x 2.2	Joe Murray Equilibrium Kevlar	Joe Murray Equilibrium Kevlar
REAR TIRE	Joe Murray Propulsion 26 x 2.0	Joe Murray Propulsion 26 x 2.0	Joe Murray Propulsion Kevlar	Joe Murray Propulsion Kevlar
SADDLE	Avocet Racing I	Avocet Racing I	Avocet Racing II	Avocet Racing II
SEAT POST	Kalloy SP-4130 Cromoly	Kalloy SP-4130 Cromoly	Suntour XC Comp	Shimano Deore XT
COLORS	Deep Purple or Black	Black	Most Dupont Imron	Kohanna
BRAZE-ONS	Fender, Two Water Bottles	Fender, Two Water Bottles	Two Water Bottles	Two Water Bottles
EXTRAS	Joe Murray Combo Cage	Joe Murray Combo Cage	Joe Murray Combo Cage	Joe Murray Combo Cage
OPTIONS	Top Mount Shifters	Suntour XC Comp Top Mount Shifters	Shimano Deore DX Shimano Deore XT Suntour XC Comp Top Mount Shifters	Suntour XC Pro Top Mount Shifters

*Not available in Canada

*UK: Frameset Only

Your dealer: Madgett's Cycles 0379 650412.

GEOMETRY



	A	B	C	D	E	F	G
16"	70.5	74	21.75"	16.75"	41.5"	1.65"	11.5"
18"	71.0	73	23.0"	16.75"	42.5"	1.65"	11.75"
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KONA



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