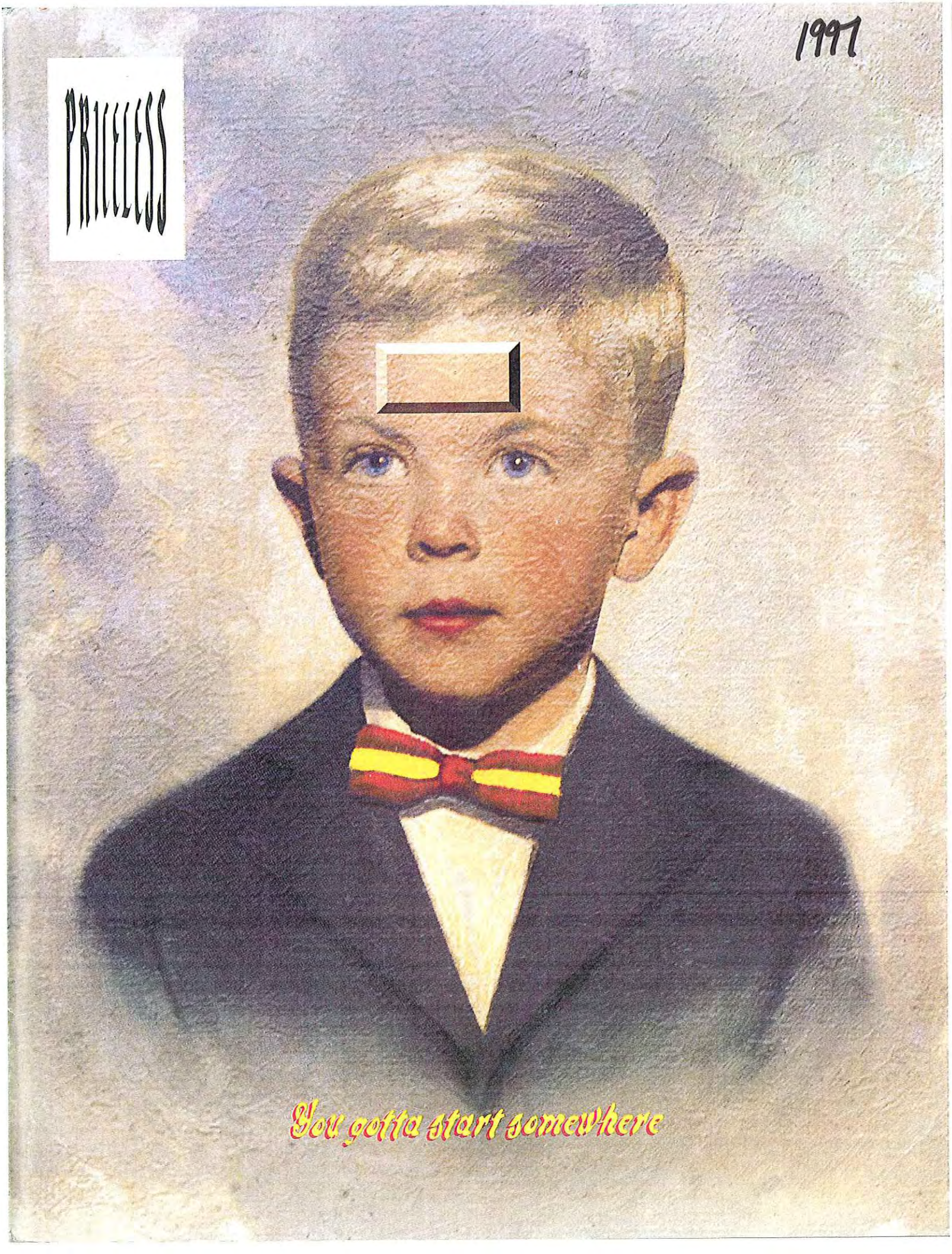
1997

PRICELESS



You gotta start somewhere

KLUNKER

The original clunker, the limited-edition Klunker re-issue available today, and the 1997 Joshua 20 all enjoy the California sun in Gary's backyard.

SIZES	MD
COLOR	Nickel
FRAME	TIG welded cromoly
FORK	Cromoly with forged drop-outs
DRIVETRAIN	Shimano STX SGS RapidFire SL
BRAKES	Shimano Acera X with STX levers
HUBSET	Shimano STX front; STX 7-speed rear
RIMS	Femco alloy, 36 hole
TIRES	Duro knobby, 26 x 2.1




GARY FISHER
JOSHUA-6/7

JOSHUA ZØ

SIZES	SM, MD, LG
COLOR	Yellow and Red
FRAME	Side butted 6061 T6 heat-treated aluminum mainframe and unified rear triangle
FORK	Rock Shox Judy SL, coil / MCU elastomer guts with oil damping, long travel and alloy steerer
REAR SHOCK	Rock Shox Super Deluxe with remote damping adjustment
DRIVETRAIN	Shimano XTR rapidfire SL
BRAKES	Shimano XTR V
HUBSET	White Tracker custom front: WhiteSpeed Racer Ti 8-speed rear
RIMS	Mavic 217, welded and machined, 32 hole
TIRES	WTB Velociraptor lazer kevlar 44 / 50

GARY'S TASTY TIDBIT

EVERYTHING
No holds barred. The coolest parts on the coolest frame. Speaks for itself, really.



I would say, without a doubt that this is the **best bike built** *..... period*

JOSHUA·8/9

RACEABLE OUT OF THE BOX.



SIZES	SM, MD, LG
COLOR	Polished Aluminum
FRAME	Side butted 6061 T6 heat-treated aluminum mainframe and unified rear triangle
FORK	Rock Shox Judy SL, coil / MCU elastomer guts with oil damping, long travel and alloy steerer
REAR SHOCK	Rock Shox Super Deluxe with remote damping adjustment
DRIVETRAIN	Gripshift ESP 9.0 with Shimano XT
BRAKES	Shimano XT V with Shimano XT adjustable V brake levers
HUBSET	Fisher Ginzu Pro suspension front: Shimano XT 8-speed rear
RIMS	Mavic 221, machined, 32 hole
TIRES	WTB Velociraptor kevlar 44 / 50

GARY'S TASTY TIDBITS

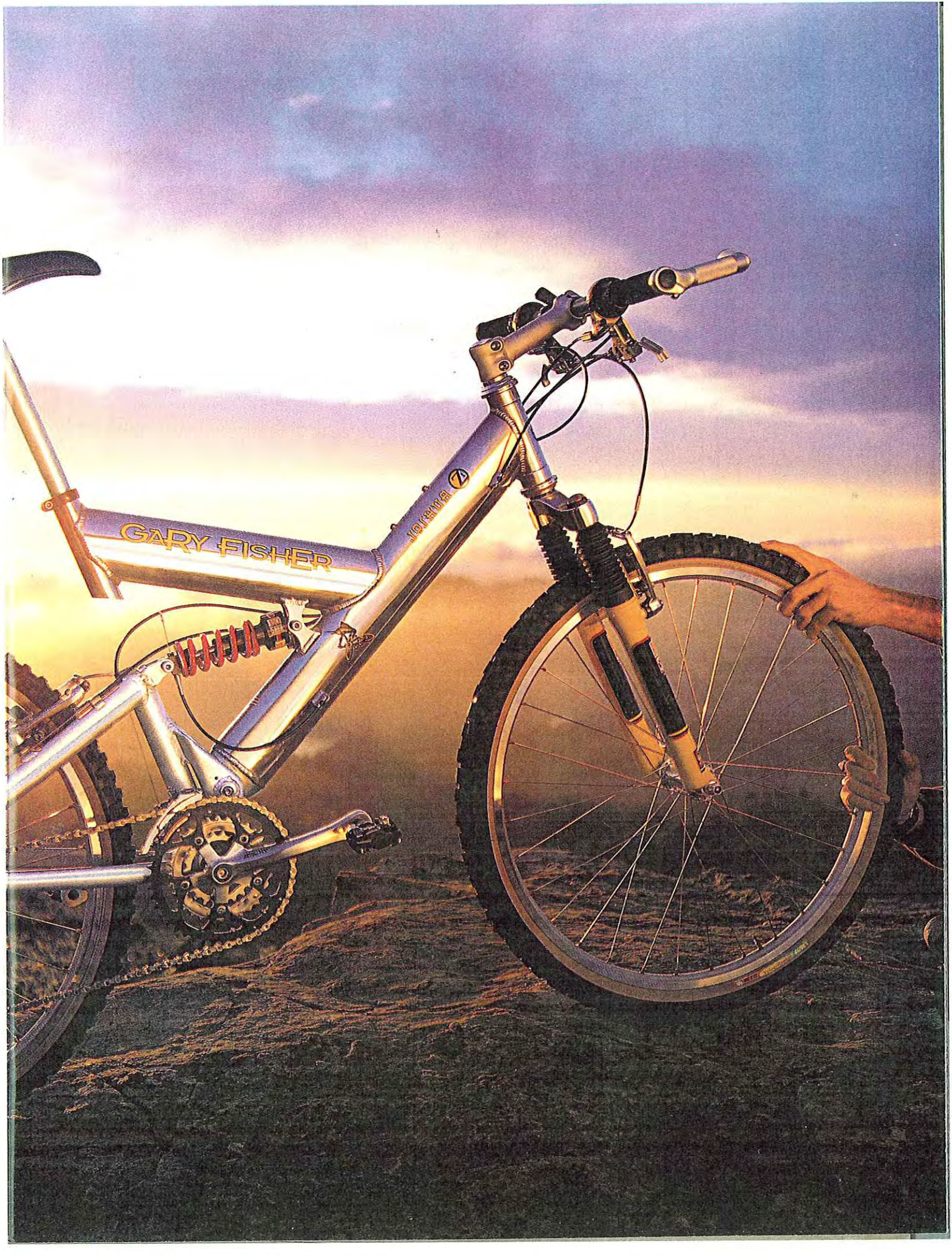
WTB GREASEGUARD AHEADSET
Lightweight with grease injection ports. No muss, no fuss.

GRIPSHIFT ESP 9.0 CARBON
The lightest drive system made. It's bitchin'.



JOSHUA Z1

...to the top of Mt Tam


GARY FISHER

JOSHUA 10/11

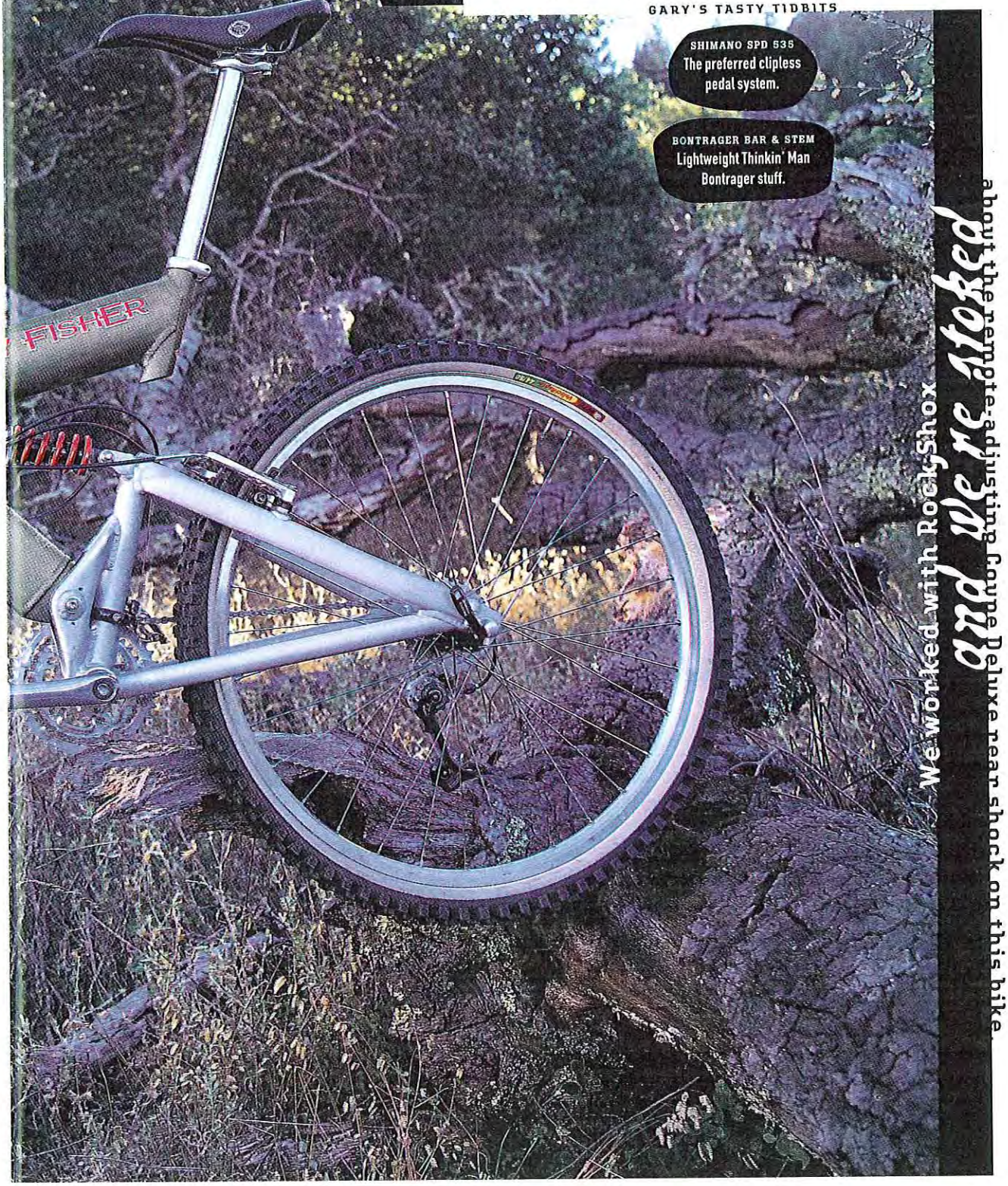
JOSHUA Z2

SIZES	SM, MD, LG
COLOR	Sterling Moss with Brushed Aluminum rear triangle
FRAME	Side butted 6061 T6 heat-treated aluminum mainframe and unified rear triangle
FORK	Rock Shox Judy XC, coil / MCU elastomer guts with oil damping, long travel and alloy steerer
REAR SHOCK	Rock Shox Coupe Deluxe coil over with remote damping adjustment
DRIVETRAIN	Shimano XT rapidfire SL
BRAKES	Shimano M600 V with Shimano LX adjustable V brake levers
HUBSET	Fisher Ginzu Pro suspension front: Shimano LX 8-speed rear
RIMS	Mavic 221, machined, 32 hole
TIRES	WTB Velociraptor kevlar 44 / 50

GARY'S TASTY TIDBITS

SHIMANO SPD 535
The preferred clipless pedal system.

BONTRAGER BAR & STEM
Lightweight Thinkin' Man Bontrager stuff.



We worked with Rock Shox and we're stoked about the remote-adjusting Coupe Deluxe rear shock on this bike.

JOSHUA XØ

SIZES	SM, MD, LG
COLOR	Yellow with Red rear triangle
FRAME	Side butted 6061 T6 heat-treated aluminum mainframe and unified rear triangle
FORK	Rock Shox Indy SL, coil / MCU elastomer guts, long travel and alloy steerer
REAR SHOCK	Rock Shox Deluxe coil over
DRIVETRAIN	Shimano LX rapidfire SL
BRAKES	Shimano M600 V with Tektro V brake levers
HUBSET	Fisher Ginzu Team suspension front: Shimano STX RC 8-speed rear
RIMS	Bontrager Maverick, 32 hole
TIRES	WTB Velociraptor kevlar 44 / 50

GARY'S TASTY TIDBITS

LONG TRAVEL SUSPENSION
3 inches in front and 4 inches behind of terrain-gobbling suspension.

WTB VELOCIRAPTORS
Way cool tires.

6061 T6 HEAT-TREATED ALUMINUM
mainframe and unified rear triangle.

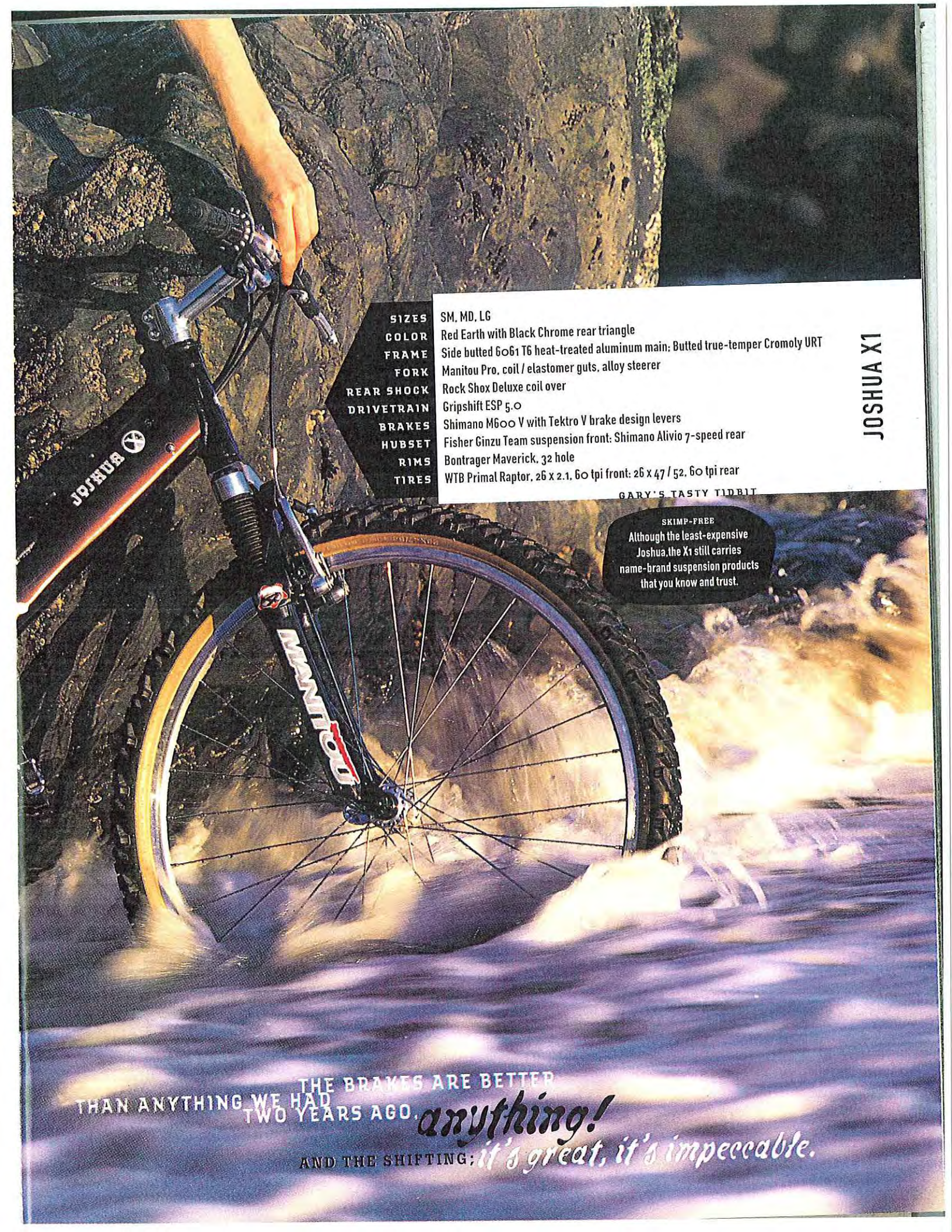


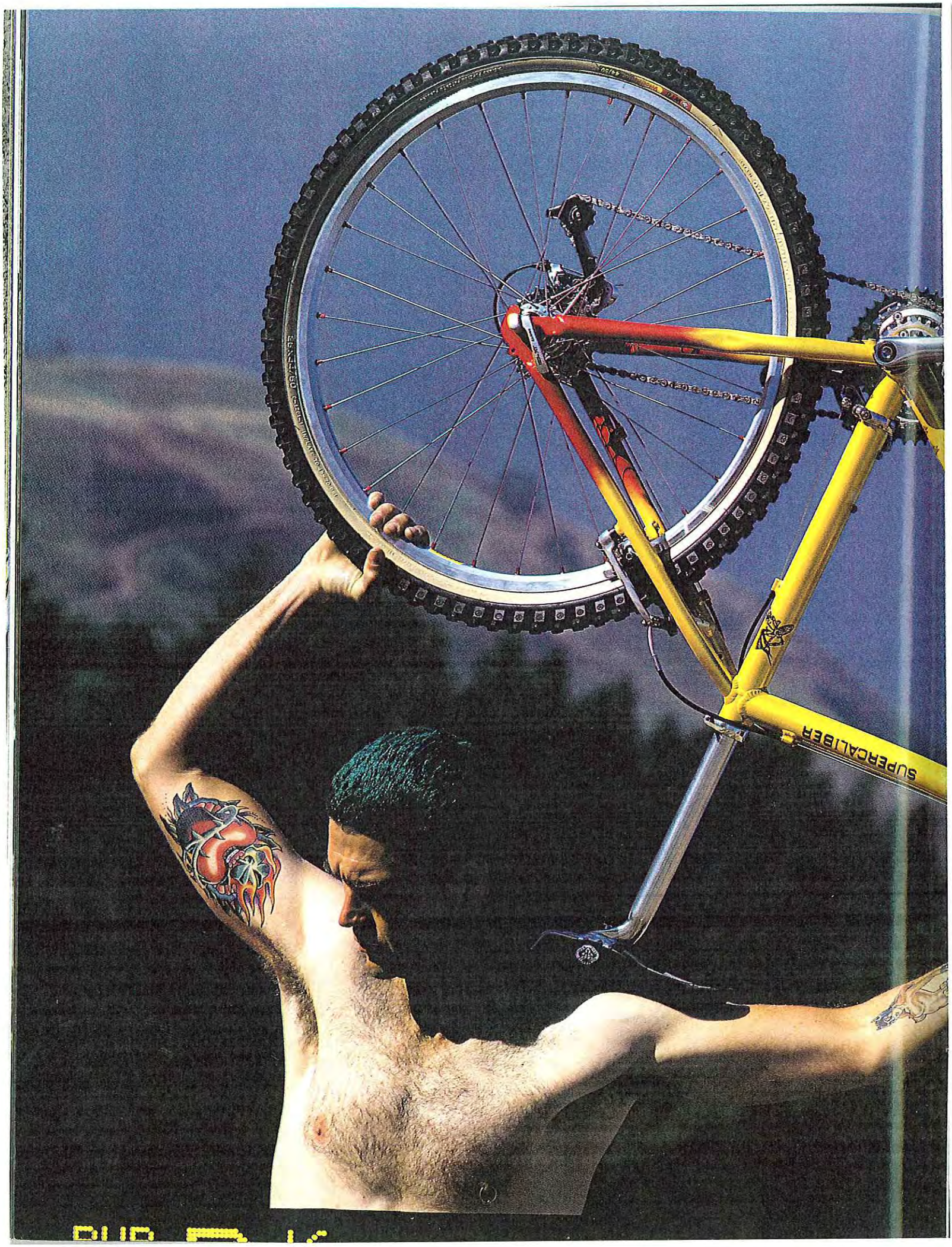


This year's Joshuas continue to feature the best full-suspension geometry.

IF IT AIN'T BROKE, WHY FIX IT?


GARY FISHER
JOSHUA·14/15


JOSHUA X1
SIZES SM, MD, LG
COLOR Red Earth with Black Chrome rear triangle
FRAME Side butted 6061 T6 heat-treated aluminum main; Butted true-temper Cromoly URT
FORK Manitou Pro, coil / elastomer guts, alloy steerer
REAR SHOCK Rock Shox Deluxe coil over
DRIVETRAIN Gripshift ESP 5.0
BRAKES Shimano M600 V with Tektro V brake design levers
HUBSET Fisher Ginzu Team suspension front; Shimano Alivio 7-speed rear
RIMS Bontrager Maverick, 32 hole
TIRES WTB Primal Raptor, 26 x 2.1, 60 tpi front; 26 x 47 / 52, 60 tpi rear
GARY'S TASTY TIDBIT
SKIMP-FREE
Although the least-expensive Joshua, the X1 still carries name-brand suspension products that you know and trust.
JOSHUA
MANITOU
THE BRAKES ARE BETTER THAN ANYTHING WE HAD TWO YEARS AGO.
anything!
AND THE SHIFTING; it's great, it's impeccable.


SUPERCALIBER

this frame is made of the best aluminum. *Period.*

Built to Gary's specifications, it's a perfect balance of weight, strength and durability.

61/18 ALUMINUM

SUPERCALIBER

SIZES	SM, MD, LG, XL
COLOR	Team Fade – Red and Yellow
FRAME	TIG welded Easton 6061 T6 heat-treated, double butted aluminum alloy
FORK	Manitou SX Ti, titanium spring, alloy steerer, 4 bolt crown
DRIVETRAIN	Shimano XT rapidfire SL
BRAKES	Shimano XT V
HUBSET	Fisher Ginzu Pro suspension front: Shimano XT 8-speed rear
RIMS	Mavic 217, welded and machined, 32 hole
TIRES	WTB Velociraptor lazer kevlar 44 / 50

GARY'S TASTY TIDBIT

THIS BIKE RULES
It's got titanium stuff everywhere: from the fork springs to the saddle rails to the handlebar.

PARAGON
GARY FISHER

ALUMINUM-20/21

SIZES	SM, MD, LG, XL
COLOR	Onyx Black
FRAME	TIG welded Easton 6061 T6 heat-treated, double butted aluminum alloy
FORK	Rock Shox Indy SL, coil / MCU elastomer guts, alloy steerer and stanchions
DRIVETRAIN	Gripshift ESP 7.0
BRAKES	Shimano M600 V with Shimano LX adjustable V brake levers
HUBSET	Fisher Ginzu Team suspension front: Shimano LX 8-speed rear
RIMS	Mavic 221, machined, 32 hole
TIRES	WTB Velociraptor kevlar 44 / 50

GARY'S TASTY TIDBITS

GRIPSHIFT ESP 7.0
drivetrain is very lightweight with ultra precise shifting.

ROCK SHOX INDY SL
Top fork in the new Indy series, and the lightest of the lot.

FISHER GINZU PRO HUB
Oversize axle, oversize skewer, oversize connection and exacting steering.

what a concept.

This is my lightweight concept bike, and it doesn't cost a fortune.

PARAGON

MONTARE

SIZES	SM, MD, LG, XL
COLOR	Bead Blast
FRAME	TIG welded 6061 T6 heat-treated aluminum alloy
FORK	Manitou Pro, coil / elastomer guts, alloy steerer
DRIVETRAIN	Shimano STX RC 8-speed rapidfire
BRAKES	Shimano M600 V with Tektro V brake levers
HUBSET	Fisher Ginzu Team suspension front: Shimano LX rear
RIMS	Bontrager Maverick, 32 hole
TIRES	WTB Primal Raptor, 26 x 2.1, 60 tpi front: 26 x 47 / 52, 60 tpi rear

GARY'S TASTY TIDBITS

NEW SEPARATE SHIMANO STX RC
8-speed rapid fire shifters.
Puts control at your fingertips.

MANITOU PRO
Coil spring / elastomer guts,
alloy steerer for light weight,
extreme rigidity by design.

FISHER HEX FOAM GRIPS
Still the best.

COOL COMPONENTS
FROM MANITOU AND SHIMANO.

By the way, after this picture was taken,
**BONUS* we added GPS pedals to this bike.*

BIG SUR

24 SPEEDS
for every addiction.

SIZES	SM, MD, LG, XL
COLOR	Matte Black
FRAME	TIG welded 6061 T6 heat-treated aluminum alloy
FORK	Rock Shox Indy C, coil / elastomer guts
DRIVETRAIN	Gripshift SRT 400 with Shimano STX RC SGS derailleur
BRAKES	Shimano M600 V with Tektro V brake levers
HUBSET	Fisher Ginzu Team suspension front; Shimano STX RC 8-speed rear
RIMS	Bontrager Maverick, 32 hole
TIRES	WTB Primal Raptor, 26 x 2.1, 60 tpi front; 26 x 47 / 52, 60 tpi rear

GARY'S TASTY TIDBITS

BONTRAGER PLUS 10 SADDLE
Racy but comfy.

GRIPSHIFT SRT 400
Smoother slicker shifts.

ROCK SHOX INDY C
Brand new line, bitchin' fork.

KAITAI

All the bells and whistles and buzzards

OF MY ALUMINUM BIKES. FROM THE GUSSET TO THE REPLACEABLE DERAILLEUR HANGER TAB.

SIZES	SM, MD, LG, XL
COLOR	Matte Fern Green
FRAME	TIG welded 6061 T6 heat-treated aluminum alloy
FORK	Rock Shox Quad 5, elastomer guts
DRIVETRAIN	Gripshift SRT 400 with Shimano Alivio derailleur
BRAKES	Shimano Alivio Cantilever with alloy levers, offset for Gripshift
HUBSET	alloy suspension OS front: Shimano Alivio rear
RIMS	Bontrager Maverick, 32 hole
TIRES	WTB Primal Raptor, 26 x 2.1, 60 tpi front: 26 x 47 / 52, 60 tpi rear

GARY'S TASTY TIDBITS

SUGINO IMPEL 250
Lightweight crank with removable chainrings.

ANTI-CHAIN SUCK DEVICE
protects your frame because chain suck does.

HIGH ZOOT FRAME
Low-ball price.

THIS IS MY ENTRY-LEVEL ALUMINUM BIKE.

You're just entering at a higher level.

SIZES	SM, MD, LG, XL
COLOR	Red Earth
FRAME	TIG welded 6061 T6 heat-treated aluminum alloy
FORK	Cromoly butted
DRIVETRAIN	Gripshift SRT 400 with Shimano Alivio derailleur
BRAKES	Shimano Alivio Cantilever with alloy levers, offset for Gripshift
HUBSET	alloy suspension OS front; Shimano Alivio rear
RIMS	Bontrager Maverick, 32 hole
TIRES	WTB Primal Raptor, 26 x 2.1, 60 tpi front; 26 x 47 / 52, 60 tpi rear

GARY'S TASTY TIDBITS

QUICK CHANGE STEM
No excuses for an ill-fitting bike.

WTB PRIMAL RAPTORS
These tires bite. Hard.

TAIKAI

XCALIBER

lighter, and significantly stronger.

THANKS TO REYNOLDS 853, WE CAN MAKE THIS STEEL FRAME

STEEL 26/29



SIZES	XS, SM, MD, LG, XL
COLOR	Cream
FRAME	Sequentially TIG welded Reynolds 853, double butted steel alloy
FORK	Rock Shox Judy XC, coil / MCU elastomer guts, oil damped, 65mm travel, alloy steerer
DRIVETRAIN	Gripshift XRAY 800 with Shimano XT
BRAKES	Shimano M600 V with Shimano LX adjustable V brake levers
HUBSET	Fisher Ginzu Pro suspension front; Shimano LX 8-speed rear
RIMS	Mavic 221, machined, 32 hole
TIRES	WTB Velociraptor kevlar 44 / 50

GARY'S TASTY TIDBITS

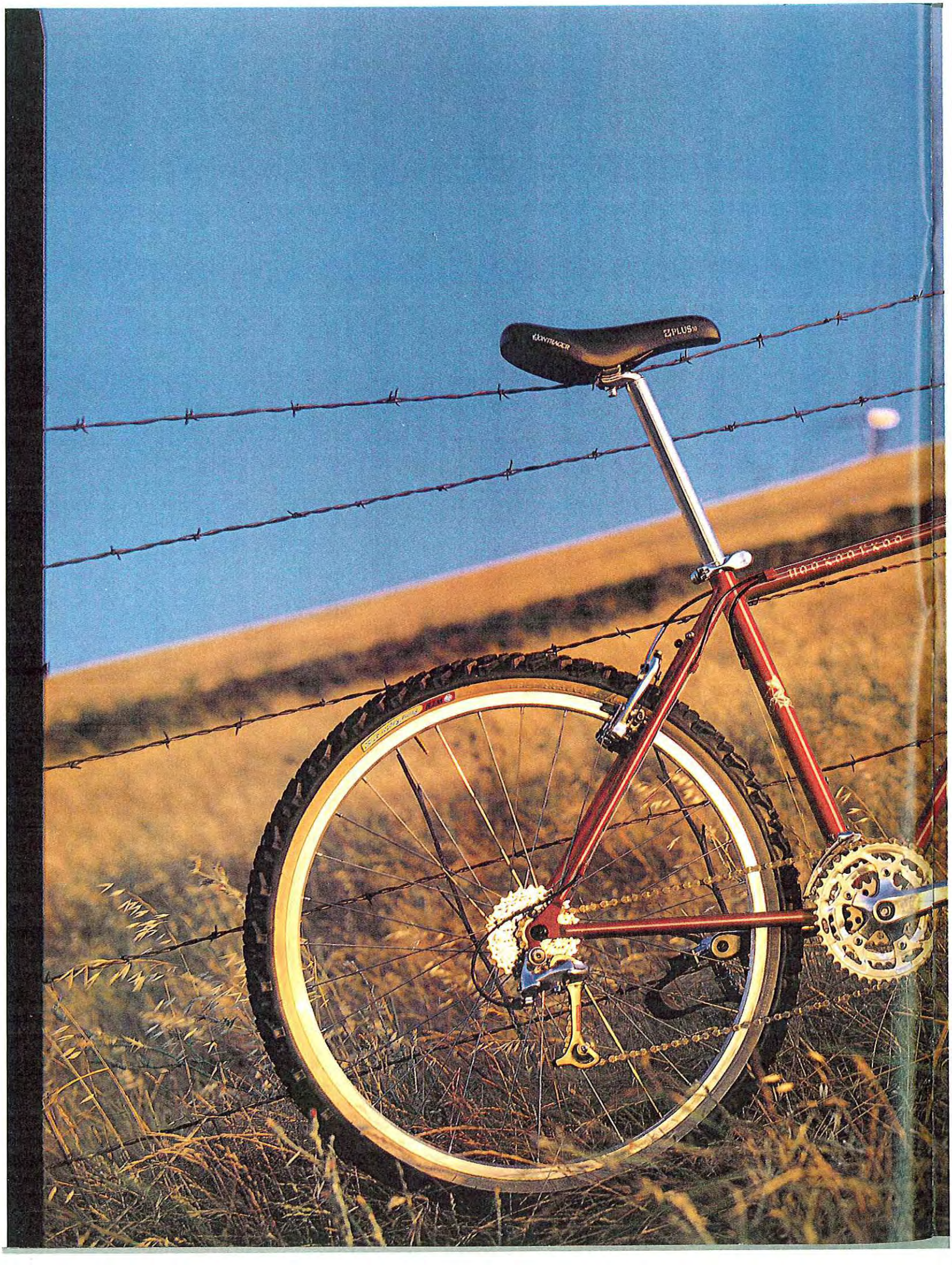
REYNOLDS 853 TUBING actually gets stronger when it's heated, opposite the norm. Makes for strong, true frames.

SUGINO IMPEL 700 Cool crank is cold-forged, stiff and light, with hard-anodized chainrings.

ROCK SHOX JUDY XC One-piece lowers and an alloy steerer tube.

Belle Marko is an artist and Gary's friend. She also rides a lot. She is...well cool.


CALIBER
GARY FISHER


PLUS



the quintessential Fisher bike.

SIZES	XS, SM, MD, LG, XL
COLOR	Bloodshot Red
FRAME	True Temper sequentially TIG welded, triple butted Cromoly
FORK	Rock Shox Indy XC, coil / MCU elastomer guts
DRIVETRAIN	Gripshift SRT 400 with Shimano STX derailleur
BRAKES	Shimano M600 V with Tektro V brake levers
HUBSET	Fisher Ginzu Team suspension front: Shimano STX RC 8-speed rear
RIMS	Bontrager Maverick, 32 hole
TIRES	WTB Primal Raptor, 26 x 2.1, 60 tpi front: 26 x 47 / 52, 60 tpi rear

GARY'S TASTY TIDBITS

BONTRAGER MAVERICK RIMS
are double-walled, welded and machined. Strong with smooth braking surfaces.

ROCK SHOX INDY XC
Coil spring / elastomer guts, extremely stiff one-piece lowers. Delivers righteous ride.

FISHER GINZU TEAM SUSPENSION HUB
Rigid connection of front wheel to fork.

HOO KOO E KOO

Larger diameter down tube PUTS A LITTLE MORE



RENGTH AND A LITTLE MORE STIFFNESS

where it's needed,

where your pedaling action is.



AQUILA

SIZES	XS, SM, MD, LG, XL
COLOR	Matte White Sand
FRAME	True Temper sequentially TIG welded triple butted Cromoly
FORK	Cromoly butted
DRIVETRAIN	Gripshift SRT 400 with Shimano STX derailleur
BRAKES	Shimano M600 V with Tektro V brake levers
HUBSET	alloy suspension OS front, Shimano STX RC 8-speed rear
RIMS	Bontrager Maverick, 32 hole
TIRES	WTB Primal Raptor, 26 x 2.1, 60 tpi front: 26 x 47 / 52, 60 tpi rear

GARY'S TASTY TIDBITS

AHEADSET SYSTEM
A more positive connection for precise steering.

SHIMANO M600 V BRAKE
The ultimate brake technology made affordable.

STEEL-32/33

MAMBA

A lot of what makes a Fisher frame superior is inside the tubing, which is a pain, because you have to show it with some little illustration. [Illustration not included, but would include taper gauge tube, internal butts, welded inserts and internal machining. Use your imagination.]

SIZES	XS, SM, MD, LG, XL
COLOR	Matte Titanium
FRAME	Sequentially TIG welded double butted Cromoly
FORK	Rock Shox Quad 5, elastomer guts
DRIVETRAIN	Gripshift SRT 400 with Shimano Alivio derailleur
BRAKES	Shimano Alivio with alloy levers, offset for Gripshift
HUBSET	alloy suspension OS front, Shimano Alivio 7-speed rear
RIMS	Weinmann 519, 32 hole
TIRES	WTB Primal Raptor, 26 x 2.1 front; 26 x 47 / 52 rear

GARY'S TASTY TIDBITS

ROCK SHOX QUADRA 5
Real suspension at a real low price.

FISHER SPOON LEVER
Ergonomic design to cinch you down tight.

OVERSIZE FRONT HUB
Adds steering precision.

TASSAJARA

short chainstays give you improved traction, and smaller-diameter tubing picks up less mud.

It's like using skinny choptlicks; you're going to pick up less rice.

SIZES	XS, SM, MD, LG, XL
COLOR	Matte Red and Ballistic Blue
FRAME	Sequentially TIG welded double butted Cromoly
FORK	Cromoly butted
DRIVETRAIN	Gripshift SRT 400 with Shimano Alivio derailleur
BRAKES	Shimano Alivio with alloy levers, offset for Gripshift
HUBSET	alloy sealed QR front, Shimano Alivio 7-speed rear
RIMS	Weinmann 519, 32 hole
TIRES	WTB Primal Raptor, 26 x 2.1 front; 26 x 47 / 52 rear

GARY'S TASTY TIDBITS

SHIMANO ALIVIO
Great components, powerful new brake design.

SUSPENSION-COMPATIBLE
Easily add a suspension fork to improve performance without compromising frame geometry.

ALSO AVAILABLE IN:
Ballistic Blue with Yellow decals outlined in Yellow.

MARLIN

SIZES	XS, SM, MD, LG, XL
COLOR	Black and Matte Fern Green
FRAME	Sequentially TIG welded full Cromoly
FORK	Cromoly butted
DRIVETRAIN	Gripshift SRT 400 with Shimano Alivio derailleur
BRAKES	Shimano Acera with alloy levers, offset for Gripshift
HUBSET	alloy sealed QR front; Shimano Acera 7-speed rear
RIMS	Weinmann 519, 32 hole
TIRES	WTB Primal Raptor, 26 x 2.1 front; 26 x 47 / 52 rear

GARY'S TASTY TIDBITS

WTB PRIMAL RAPTORS
From Gary's favorite tire guys.

STAINLESS STEEL SPOKES
Are strong, and they won't oxidize.

MADE IN THE U.S.A.
where mountain biking began.

ALSO AVAILABLE IN:
Matte Fern Green (see Kaitai) with Black decals outlined in Metallic Copper.

the Gripshift STR 400 clicks nice, *click click*, real sure and everything.

WAHOO

Value value value.
blah blah blah.
Oh... And more value.

SIZES	XS, SM, MD, LG, XL, SM-L, LG-L
COLOR	Copper and Matte Bright Silver
FRAME	TIG welded Cromoly main tube
FORK	Cromoly
DRIVETRAIN	Gripshift MRX 170 with Shimano Acera derailleur
BRAKES	Shimano Altus with alloy levers. offset for Gripshift
HUBSET	alloy sealed QR front: Shimano Alivio 7-speed rear
RIMS	Weinmann 519. 36 hole
TIRES	Skinwall knobby. 26 x 1.95

GARY'S TASTY TIDBITS

OVERSIZE HEADSET
1⅛" – Real mountain bike performance.

U.S.-MADE WEINMANN 519 RIMS
The best quality inexpensive rims made.

GRIPSHIFT MRX170
New, shorter-rotation front shifting.

ALSO AVAILABLE IN:
Matte Bright Silver with Red decals outlined in Black.

TEEL-36/37

UTOPIA

The Chamoning of the Tires

P.U.B. ushers in a new ritual:

SIZES	SM, MD, LG, XL
COLOR	Red Earth
FRAME	TIG welded 6061 T6 heat-treated aluminum alloy
FORK	Cromoly
DRIVETRAIN	Gripshift SRT 450 IBS with Shimano Alivio derailleur
BRAKES	Shimano Acera with alloy levers, offset for Gripshift IBS
HUBSET	alloy sealed QR, OS front: Shimano Alivio 7-speed rear
RIMS	Bontrager Maverick, 32 hole
TIRES	Tioga City Slicker 2, 26 x 1.5

GARY'S TASTY TIDBITS

ALUMINUM FRAME
Light and fast.

GRIPSHIFT SRT 450
Integrated Brake / Shifter.
Efficient design.
small footprint.


GARY FISHER

NIRVANA



SIZES	XS, SM, MD, LG XL
COLOR	Retro Blue
FRAME	True Temper sequentially TIG welded double butted Cromoly
FORK	Cromoly
DRIVETRAIN	Gripshift SRT 400 with Shimano Alivio derailleur
BRAKES	Shimano Alivio with alloy levers, offset for Gripshift
HUBSET	alloy sealed QR front, Shimano Acera 7-speed rear
RIMS	Weinmann 519, 32 hole
TIRES	Tioga City Slicker 2, 26 x 1.5

GARY'S TASTY TIDBITS

LARGER GEARING is more appropriate for road riding.

CITY SLICKER 2 TIRES Roll with it.

CROMOLY FRAME True-temper, double-butted.

"so Gary, why the hell did you drop all the hybrid bikes?"

because i've got something better: Sport Utility Bikes.

ALFRESCO

SIZES	SM, MD, LG, XL, SM-L
COLOR	Onyx Black
FRAME	TIG welded full Cromoly
FORK	Cromoly
DRIVETRAIN	Shimano Nexus with internal 7-speed rear hub
BRAKES	Shimano internal roller rear; Altus cantilever front
HUBSET	alloy sealed QR front; Shimano Nexus 16T rear
RIMS	Weinmann 519, 36 hole
TIRES	Tioga City Slicker 2, 26 x 1.5

GARY'S TASTY TIDBITS

SHIMANO NEXUS
Internal 7-speed rear hub. Isn't it clean?

FULL-LENGTH CHAIN GUARD
Keeps the goo off of you.

GETTING COFFEE *has never looked so fun.*

more environmentally-friendly
than the fossil fuel-gulping beast parked in your driveway.

SIZES	XS, SM, MD, LG, XL, SM-L, LG-L
COLOR	Ballistic Blue
FRAME	TIG welded full cromoly
FORK	Cromoly
DRIVETRAIN	Gripshift MRX 170 with Shimano Acera derailleur
BRAKES	Shimano Altus with alloy levers. offset for Gripshift
HUBSET	alloy sealed QR front: Shimano RH40 7-speed rear
RIMS	Weinmann 519. 36 hole
TIRES	Tioga City Slicker 2. 26 x 1.5

GARY'S TASTY TIDBITS

ALL CROMOLY
Frame and fork. No heavy pipe.

U.S.-MADE
By real tax-paying American craftspersons.

DUAL DENSITY PEDALS
Friendly non-slip pedals. Put your feet here and go.

ZEBRANO

MT JAM

MT TAM'S BABY BROTHER.

Gets you to the top and down again.

SIZES	11.5"frame / 24" wheel
COLOR	Chrome
FRAME	TIG welded
FORK	RST 161 coil spring / elastomer guts
DRIVETRAIN	Gripshift MRX 170 with Shimano Tourney derailleur
BRAKES	Alloy cantilever
RIMS	Weinmann 519
TIRES	Blackwall knobby

GARY'S TASTY TIDBITS

RST FRONT SUSPENSION FORK
A real deal mountain bike with a hot shock.

BAR ENDS
The true item.

← Mt Tam Little Mt →



shiny little beasts that rule.

TYRO

SIZES	11.5" frame / 24" wheel
COLOR	Black and Purple
FRAME	TIG welded
DRIVETRAIN	Gripshift MRX 170 with Shimano Tourney derailleur
BRAKES	Alloy cantilever
RIMS	Weinmann 519
TIRES	Blackwall knobby

GARY'S TASTY TIDBITS

SHIMANO DRIVETRAIN
We don't skimp.

WEINMANN 519 ALLOY RIMS
For solid braking performance.

The coolest and fastest way
to get from here
SIZES
11.5" frame / 20" wheel
COLOR
Blue and Matte Teal
FRAME
TIG welded
DRIVETRAIN
Shimano Tourney with Gripshift MRX 160
BRAKES
Alloy cantilever
RIMS
Weinmann 519
TIRES
Blackwall knobby
GARY'S TASTY TIDBITS
CANTILEVER BRAKES short stops.
DUAL CHAIN RING GUARDS keep the chain in check.
to here.

SHORTCUT

(THE MECHANICS ARE PROBABLY RACING THESE OUT BACK OF YOUR LOCAL BIKE SHOP RIGHT NOW.)

MINNOSAURUS

11.5" frame / 20" wheel	SIZES
Red and Pink	COLOR
TIG welded	FRAME
Coaster	BRAKES
Chrome steel	RIMS
Dinosaur tread	TIRES

GARY'S TASTY TIDBITS

DINOSAUR TREAD TIRES- very cool indeed.

DINOSAUR GRAPHICS- complete the look.

DOWNHILL-STYLE HANDLEBARS- get kids going in the right direction.



SIZES	compact frame / 16" wheel
COLOR	Blue and Pink
FRAME	TIG welded
BRAKES	Coaster
RIMS	Chrome steel
TIRES	Comp III

GARY'S TASTY TIDBITS

PAD SET protect the little wee ones.

Be the Lizard King or Queen.

MUDPUPPY

BBD
BOTTOM BRACKET DROP

The distance from the center of the bottom bracket to a straight line drawn through the wheel axles. The greater the Bottom Bracket Drop, the lower the center of gravity is in the bike, and the better the handling.

BBH
BOTTOM BRACKET HEIGHT

Measured vertically from the ground to the center of the bottom bracket. Bottom Bracket Height expresses the clearance of the frame. A higher bottom bracket means that you can get over more stuff.

CL
CRANK LENGTH

Measured from bottom bracket to pedal center. Changes by frame size when different length cranks are available. Crank Length determines the pedaling diameter. It is important to match your crank length with the length of your legs. Longer legs can turn a bigger circle easier than shorter legs.

CP
COCKPIT

The actual distance between the seatpost center measured along a horizontal line at the handlebar. It is quite literally the spot you do your thing when you do your thing. As presented in our chart, it is shown as the range that can be created on this size of Fisher bike with the Quick Change stems stocked by your Fisher dealer.

MAX CP
MAXIMUM COCKPIT

The longest cockpit that can be created on this size of Fisher bike by using a stem of the same style 30mm longer than stock, or the longest available in that stem, whichever is shorter. For best handling, we recommend that you do not use a stem greater than 30mm longer than stock.

MIN CP
MINIMUM COCKPIT

The shortest cockpit that can be created on this size of Fisher bike by using a 90mm stem with the same rise. Of course, you can always use a higher or lower rise stem to change your weight bias on the bike.

CSL
CHAIN STAY LENGTH

Measured from the center of the bottom bracket to the center of the rear axle. Shorter Chain Stays enable more responsive climbing, longer Chain Stays provide added stability.

HA
HEAD ANGLE

The angle of the head tube to the ground. (This measurement is shown with sag on bikes with suspension.) Head Angle affects steering quickness. The steeper (higher number) the angle, the quicker the steering.

HTL
HEAD TUBE LENGTH

The distance between the upper part of the headset and the lower part of the headset. Affects the handlebar height relative to the saddle height.

R
RAKE

The perpendicular distance from a line drawn through the head tube to the center of the front axle. Rake factored with Head Angle yields the Trail.

SL
STEM LENGTH

The length of the stem from the center of the handlebar to the center of the steerer tube. Stem Length is a factor in the cockpit equation.

STA
SEAT TUBE ANGLE

The angle of the seat tube to the ground. (This measurement is shown with sag on bikes with suspension.) This is part of the magic of a Fisher bike. The Seat Tube Angle on Fisher bikes changes from size to size. This is important because the Seat Tube Angle affects the rider's position over the pedals, and weight bias on the frame.

TT
EFFECTIVE TOP TUBE LENGTH

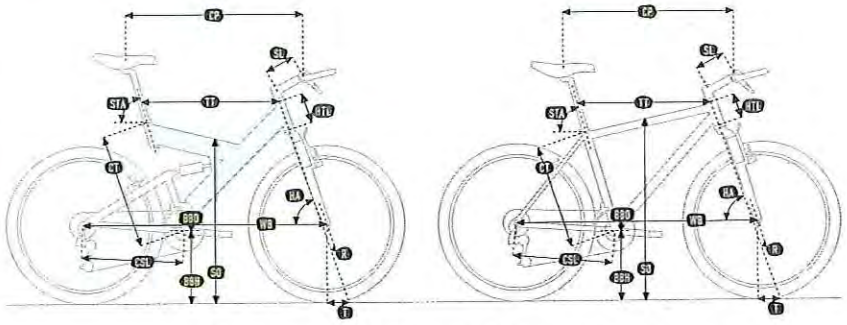
The length measured along an imaginary horizontal line drawn between the center of the head tube at the bottom of the headset to the center of the seat tube. Top Tube length is a factor in the rider cockpit equation.

T
TRAIL

The horizontal distance on the ground between a line extended from the center of the head tube and a vertical line dropped from the front hub. Trail affects the stability of the steering system, and the feel of the steering. Long trail means a more stable steering feel, short trail equates with more sensitive handling.

WB
WHEELBASE

The distance between the center of the wheel axles. A longer wheelbase adds stability, a shorter wheelbase adds steering quickness.



EM/FA SIZING MEANS EXACT MUSCLE / FRAME ASSOCIATION

CT
CENTER-TO-TOP

The distance from the center of the bottom bracket to the top of the seat tube.

I
INSEAM

The vertical distance from the rider's crotch to the ground. Trouser length is measured as inseam. This measurement affects the choice of frame size as it is linked to standover, crank length, and center-to-top measurements.

SO
STAND OVER

Is the vertical distance from the ground to the middle point of the top tube. In all cases it is measured without sag for real-world accuracy. Crotch clearance over the top tube is what this measurement is about. The clearance you should have, straddling the bike, standing flat-footed is, 2 – 4" on a hard-tail bike, and 6" or more on a Joshua.

GET FIT

MODEL(S)	JOSHUA ZØ			JOSHUA Z1			JOSHUA Z2			JOSHUA XØ, X1			SUPERCALIBER				MONTARE, PARAGON				BIG SUR			
EM/FA SIZE	SM	MD	LG	SM	MD	LG	SM	MD	LG	SM	MD	LG	SM	MD	LG	XL	SM	MD	LG	XL	SM	MD	LG	XL
SUSPENSION SAG (MM)	12 FRONT & REAR			12 FRONT & REAR			12 FRONT & REAR			12 FRONT & REAR			12 FRONT				12 FRONT				12 FRONT			
SO STANDOVER (INCHES) (MM) [without sag]	26.4 670.2	26.4 670.2	26.4 670.2	25.4 670.2	25.4 670.2	26.4 670.2	26.4 670.2	26.4 670.2	26.4 670.2	26.4 670.2	26.4 670.2	26.4 670.2	28.4 721.4	29.9 759.5	31.0 787.4	32.3 820.4	28.4 721.4	29.9 759.5	31.0 787.4	32.3 820.4	28.4 721.4	29.9 759.5	31.0 787.4	32.3 820.4
TT EFFECTIVE TOB TUBE LENGTH (INCHES) (MM)	21.94 557.4	23.34 592.7	24.27 616.5	21.94 557.4	23.34 592.7	24.27 616.5	21.94 557.4	23.34 592.7	24.27 616.5	21.94 557.4	23.34 592.7	24.27 616.5	21.6 533.7	22.4 559.0	23.0 584.2	23.5 596.9	21.6 533.7	22.4 559.0	23.0 584.2	23.5 596.9	21.6 533.7	22.4 559.0	23.0 584.2	23.5 596.9
SL STEM LENGTH (MM)	90	105	150	90	105	150	90	105	150	90	105	135	105	120	135	150	105	120	135	150	105	120	135	135
SA STEM ANGLE (DEGREES)	5			7			7			15			7				10				15			
CP COCKPIT LENGTH (INCHES) (MM) [with standard stem]	24.50 622.2	27.66 703.1	29.20 741.7	24.48 621.9	27.65 702.6	29.18 741.2	24.48 621.9	27.65 702.6	29.19 741.2	24.39 619.5	27.52 699.0	28.45 722.7	24.93 633.2	26.14 664.0	27.33 694.1	28.41 721.7	24.90 632.4	26.10 663.0	27.29 693.0	28.37 720.5	24.62 630.4	26.02 660.8	27.19 690.5	27.69 703.3
MIN CP MINIMUM COCKPIT LENGTH (INCHES) (MM) [with shortest quick change stem]	24.50 622.2	25.92 658.3	26.85 681.8	24.48 621.9	25.90 657.9	26.84 681.6	24.48 621.9	25.90 657.9	26.84 681.6	24.39 619.5	25.81 655.5	26.74 679.2	24.34 618.3	27.31 634.2	27.91 649.4	28.41 662.1	24.32 617.7	24.94 633.5	25.54 648.6	26.04 661.5	24.25 616.0	24.67 631.8	25.47 647.1	25.97 659.8
MAX CP MAXIMUM COCKPIT LENGTH (INCHES) (MM) [with longest quick change stem]	25.67 652.1	28.27 718.0	29.20 741.7	25.65 651.6	28.25 717.5	29.18 741.2	25.65 651.6	28.25 717.5	29.19 741.2	25.53 648.4	28.09 713.5	29.02 737.2	26.10 663.0	27.31 693.8	27.91 709.0	28.41 721.7	26.05 662.0	27.27 692.6	27.087 707.8	28.37 720.5	25.55 659.4	27.16 689.9	27.19 690.5	27.63 703.2
CL CRANK LENGTH (MM)	172.5	175	180	172.5	175	180	170	175	175	170	175	175	172.5	175.0	177.5	180.0	170	175	175	175	170	175	175	175
HTL HEAD TUBE LENGTH (INCHES) (MM)	4.92 125	4.92 125	5.71 145	4.92 125	4.92 125	5.71 145	4.92 125	4.92 125	5.71 145	4.92 125	4.92 125	5.71 145	3.54 90	4.13 105	4.92 125	5.71 145	3.54 90	4.13 105	4.92 125	5.71 145	3.54 90	4.13 105	4.92 125	5.71 145
HA HEAD ANGLE* (DEGREES)	70.7	71.2	71.2	70.7	71.2	71.2	70.7	71.2	71.2	70.7	71.2	71.2	70.77	71.27	71.27	71.27	70.77	71.27	71.27	71.27	70.77	71.27	71.27	71.27
STA SEAT TUBE ANGLE* (DEGREES)	74.6	73.8	73.7	74.6	73.8	73.7	74.6	73.8	73.7	74.6	73.8	73.7	73.77	73.77	73.27	73.27	73.77	73.77	73.27	73.27	73.77	73.77	73.27	73.27
CSL CHAIN STAY LENGTH (INCHES) (MM)	16.93 430			16.93 430			16.93 430			16.93 430			16.54 420				16.54 420				16.54 420			
BBH BOTTOM BRACKET HEIGHT* (INCHES) (MM)	12.22 310.4	12.38 314.5	12.38 314.5	12.22 310.4	12.38 314.5	12.38 314.5	12.22 310.4	12.38 314.5	12.38 314.5	12.22 310.4	12.38 314.5	12.38 314.5	11.47 291.3	11.67 296.4	11.67 296.4	11.67 296.4	11.47 291.3	11.67 296.4	11.67 296.4	11.67 296.4	11.47 291.3	11.67 296.4	11.67 296.4	11.67 296.4
BBD BOTTOM BRACKET DROP* (INCHES) (MM)	0.89 22.65	0.73 18.61	0.73 18.61	0.89 22.65	0.73 18.61	0.73 18.61	0.89 22.65	0.73 18.61	0.73 18.61	0.89 22.65	0.73 18.61	0.73 18.61	1.63 41.47	1.43 36.39	1.43 36.39	1.43 36.39	1.63 41.47	1.43 36.39	1.43 36.39	1.43 36.39	1.63 41.47	1.43 36.39	1.43 36.39	1.43 36.39
R RAKE (INCHES) (MM)	1.67 42.3			1.67 42.3			1.67 42.3			1.5 38.1			1.5 38.1				1.5 38.1				1.5 38.1			
T TRAIL (INCHES) (MM)	2.84 72.13	2.70 68.63	2.71 68.83	2.84 72.13	2.70 68.63	2.71 68.83	2.84 72.13	2.70 68.63	2.71 68.83	3.01 76.58	2.68 73.07	2.68 73.27	2.93 75.02	2.85 72.63	2.85 72.59	2.85 72.69	2.93 75.82	2.85 72.63	2.85 72.63	2.85 72.63	2.93 75.82	2.85 72.59	2.85 72.53	2.85 72.59
WB WHEELBASE* (INCHES) (MM)	41.50 1054	42.48 1079	43.49 1105	41.50 1054	42.48 1079	43.49 1105	41.50 1054	42.48 1079	43.49 1105	41.37 1051	42.36 1076	43.35 1101	40.55 1030	40.95 1040	41.45 1053	41.95 1066	40.55 1030	40.95 1040	41.45 1053	41.95 1066	40.56 1030	40.96 1040	41.46 1053	41.96 1066
CT CENTER TO TOP (INCHES) (MM)	16.50 419	18.50 470	20.98 533	16.50 419	18.50 470	20.98 533	16.50 419	18.50 470	20.98 533	16.50 419	18.50 470	20.98 533	15.51 394	17.48 444	19.02 483	20.98 533	15.51 394	17.48 444	19.02 483	20.98 533	15.51 394	17.48 444	19.02 483	20.98 533
I RECOMMENDED INSEAM RANGE (INCHES) (INCHES) [minimum to maximum]	27.4 – 34.4	28.4 – 35.4	28.4 – 36.4	27.4 – 34.4	28.4 – 35.4	28.4 – 36.4	27.4 – 34.4	28.4 – 35.4	28.4 – 36.4	27.4 – 34.4	28.4 – 35.4	28.4 – 35.4	29.4 – 32.9	31.9 – 34.4	33.0 – 35.9	34.3 – 38.2	29.4 – 32.9	31.9 – 34.4	33.0 – 35.9	34.3 – 38.2	29.4 – 32.9	31.9 – 34.4	33.0 – 35.9	34.3 – 38.2

*measured with sag

MODEL(S)

KAITAI, TAIKAI

EM/FA SIZE		SM	MD	LG	XL
	SUSPENSION SAG (MM)	5 FRONT (KAITAI ONLY)			
SO	STANDOVER (INCHES) [without sag]	28.4	29.9	31.0	32.3
	(MM)	721.4	759.5	787.4	820.4
TT	EFFECTIVE TOB TUBE LENGTH (INCHES)	21.8	22.4	23.0	23.5
	(MM)	553.7	569.0	584.2	596.9
SL	STEM LENGTH (MM)	105	120	135	135
SA	STEM ANGLE (DEGREES)	15			
CP	COCKPIT LENGTH (INCHES) [with standard stem]	24.83	26.03	27.20	27.70
	(MM)	630.7	661.1	690.8	703.5
MINCP	MINIMUM COCKPIT LENGTH (INCHES) [with shortest quick change stem]	24.26	24.69	25.49	25.93
	(MM)	616.2	627.1	647.3	660.0
MAXCP	MAXIMUM COCKPIT LENGTH (INCHES) [with longest quick change stem]	25.97	27.17	27.20	27.70
	(MM)	659.7	690.1	690.8	703.5
CL	CRANK LENGTH (MM)	170	175	175	175
HTL	HEAD TUBE LENGTH (INCHES)	3.54	4.13	4.92	5.71
	(MM)	90	105	125	145
HA	HEAD ANGLE* (DEGREES)	71	71.5	71.5	71.5
STA	SEAT TUBE ANGLE* (DEGREES)	74	74	73.5	73.5
CSL	CHAIN STAY LENGTH (INCHES)	16.54			
	(MM)	420			
BBH	BOTTOM BRACKET HEIGHT* (INCHES)	11.40	11.60	11.60	11.60
	(MM)	289.6	294.6	294.6	294.6
BBD	BOTTOM BRACKET DROP* (INCHES)	1.70	1.50	1.50	1.50
	(MM)	43.2	38.1	38.1	38.1
R	RAKE (INCHES)	1.5			
	(MM)	38.1			
T	TRAIL (INCHES)	2.93	2.80	2.80	2.80
	(MM)	74.37	71.24	71.24	71.24
WB	WHEELBASE* (INCHES)	40.50	40.90	41.40	41.90
	(MM)	1029	1039	1052	1064
CT	CENTER TO TOP (INCHES)	15.51	17.48	19.02	20.98
	(MM)	394	444	483	533
I	RECOMMENDED INSEAM RANGE (INCHES) [minimum to maximum]	29.4 –	31.9 –	33.0 –	34.3 –
	(INCHES)	32.9	34.4	35.9	38.2

XCALIBER

XS	SM	MD	LG	XL
12 FRONT				
27.1	29.3	30.4	31.3	32.4
688.9	744.8	771.0	794.9	823.5
21.1	21.8	22.4	23.0	23.5
537.0	554.0	568.0	583.0	597.0
90	105	120	135	150
7				
23.65	24.34	26.10	27.28	28.42
601.0	618.5	663.0	692.9	721.8
23.65	24.36	24.93	25.52	26.07
601.0	618.5	633.2	648.2	662.2
24.83	26.11	27.28	27.87	28.42
630.8	663.3	692.8	707.8	721.9
170	170	175	175	175
3.35	3.35	4.13	4.92	5.71
85	85	105	125	145
70.27	70.77	71.27	71.27	71.27
73.77	73.77	73.77	73.27	73.27
16.54				
420				
11.37	11.57	11.67	11.67	11.67
288.7	293.8	296.4	296.4	296.4
1.70	1.59	1.43	1.43	1.43
43.3	40.3	36.3	36.3	36.3
1.5				
38.1				
3.11	2.99	2.87	2.87	2.87
79.07	75.93	72.80	72.80	72.80
39.90	40.45	40.91	41.35	41.92
1014	1027	1039	1050	1065
12.99	17.36	18.50	19.72	21.22
330	441	470	501	539
28.1 –	31.3 –	32.4 –	33.3 –	34.4 –
31.6	33.8	34.9	36.2	38.3

HOO KOO E KOO

XS	SM	MD	LG	XL
12 FRONT				
27.1	29.3	30.4	31.3	32.4
688.9	744.8	771.0	794.9	823.5
21.1	21.8	22.4	23.0	23.5
537.0	554.0	568.0	583.0	597.0
90	105	120	135	135
15				
23.57	24.83	25.98	27.14	27.69
598.6	630.7	659.8	689.3	703.3
23.57	24.26	24.84	25.43	25.98
598.6	616.2	630.9	645.9	659.9
24.71	25.97	27.12	27.14	27.69
627.6	659.7	688.8	689.3	703.3
170	170	175	175	175
3.35	3.35	4.13	4.92	5.71
85	85	105	125	145
70.27	70.77	71.27	71.27	71.27
73.77	73.77	73.77	73.27	73.27
16.54				
420				
11.37	11.57	11.67	11.67	11.67
288.7	293.8	296.4	296.4	296.4
1.70	1.59	1.43	1.43	1.43
43.3	40.3	36.3	36.3	36.3
1.5				
38.1				
3.11	2.99	2.87	2.87	2.87
79.07	75.93	72.80	72.80	72.80
39.90	40.45	40.91	41.35	41.92
1014	1027	1039	1050	1065
12.99	17.36	18.50	19.72	21.22
330	441	470	501	539
28.1 –	31.3 –	32.4 –	33.3 –	34.4 –
31.6	33.8	34.9	36.2	38.3

AQUILA

XS	SM	MD	LG	XL
26.8	29.0	30.1	31.0	32.1
681.7	737.6	763.8	787.7	816.3
21.1	21.8	22.4	23.0	23.5
537.0	554.0	568.0	583.0	597.0
90	105	120	135	135
15				
23.58	24.84	25.99	27.15	27.70
598.9	631.0	660.1	689.6	703.5
23.58	24.27	24.85	25.44	25.99
598.9	616.5	631.1	646.1	660.1
24.72	25.98	27.13	27.15	27.70
627.9	660.0	689.1	689.6	703.5
170	170	175	175	175
3.35	3.35	4.13	4.92	5.71
85	85	105	125	145
70.5	71	71.5	71.5	71.5
74	74	74	73.5	73.5
16.54				
420				
11.34	11.46	11.61	11.61	11.61
288.0	291.0	295.0	295.0	295.0
1.77	1.65	1.50	1.50	1.50
45.0	42.0	38.0	38.0	38.0
1.5				
38.1				
3.06	2.93	2.81	2.81	2.81
77.61	74.47	71.35	71.35	71.35
39.65	40.39	40.85	41.29	41.87
1012	1026	1038	1048	1063
12.93	17.36	18.50	19.72	21.22
330	441	470	501	539
27.8 –	31.0 –	32.1 –	33.0 –	34.1 –
31.3	33.5	34.6	35.9	38.1

MAMBA

XS	SM	MD	LG	XL
5 FRONT				
27.7	29.6	30.2	30.9	32.1
703.0	751.0	767.0	784.0	815.0
21.3	21.8	22.4	23.0	23.5
540.0	554.0	566.0	583.0	597.0
90	105	120	135	150
15				
23.72	24.84	25.99	27.15	28.27
602.5	631.0	660.1	689.6	718.1
23.72	24.27	24.85	25.44	25.99
602.5	616.5	631.1	646.1	660.1
24.86	25.98	27.13	27.72	28.27
631.5	660.0	689.1	704.1	718.1
170	170	175	175	175
3.35	4.13	4.92	5.71	6.50
85	105	125	145	165
71	71	71.5	71.5	71.5
74.5	74	74	73.5	73.5
16.54				
420				
11.34	11.34	11.50	11.50	11.50
288.0	288.0	292.0	292.0	292.0
1.77	1.77	1.61	1.61	1.61
45.0	45.0	41.0	41.0	41.0
1.5				
38.1				
2.93	2.93	2.80	2.80	2.80
74.37	74.37	71.24	71.24	71.24
39.92	40.35	40.83	41.26	41.85
1014	1025	1037	1048	1063
14.45	16.97	18.19	19.45	20.94
367	431	462	494	532
28.7 –	31.6 –	32.2 –	32.9 –	34.1 –
32.2	34.1	34.7	35.8	38.0

MARLIN, TASSAJARA

XS	SM	MD	LG	XL
27.7	29.6	30.2	30.9	32.1
703.0	751.0	767.0	784.0	815.0
21.3	21.8	22.4	23.0	23.5
540.0	554.0	565.0	583.0	597.0
90	105	120	135	150
15				
23.72	24.84	25.99	27.15	28.27
602.5	631.0	660.1	689.6	718.1
23.72	24.27	24.85	25.44	25.99
602.5	616.5	631.1	646.1	660.1
24.86	25.98	27.13	27.72	28.27
631.5	660.0	689.1	704.1	718.1
170	170	175	175	175
3.35	4.13	4.92	5.71	6.50
85	105	125	145	165
71	71	71.5	71.5	71.5
74.5	74	74	73.5	73.5
16.54				
420				
11.34	11.34	11.50	11.50	11.50
288.0	288.0	292.0	292.0	292.0
1.77	1.77	1.61	1.61	1.61
45.0	45.0	41.0	41.0	41.0
1.5				
38.1				
2.93	2.93	2.80	2.80	2.80
74.37	74.37	71.24	71.24	71.24
39.92	40.35	40.83	41.26	41.85
1014	1025	1037	1048	1063
14.45	16.97	18.19	19.45	20.94
367	431	462	494	532
28.7 –	31.6 –	32.2 –	32.9 –	34.1 –
32.2	34.1	34.7	35.8	38.0

*measured with sag

MODEL(S)

WAHOO

EM/FA SIZE		XS	SM	MD	LG	XL	SM-L	LG-L
SO	STANDOVER (INCHES)	27.7	29.6	30.2	30.9	32.1	25.2	26.0
	(MM)	703.3	751.0	767.0	784.0	815.0	639.0	650.0
TT	EFFECTIVE TOB TUBE LENGTH (INCHES)	21.3	21.8	22.4	23.0	23.5	21.7	22.8
	(MM)	540.0	554.0	569.0	583.0	597.0	551.0	580.0
SL	STEM LENGTH (MM)	90	90	105	120	135	90	105
SA	STEM ANGLE (DEGREES)	15						
CP	COCKPIT LENGTH (INCHES) [with standard stem]	23.72	24.27	25.42	26.58	27.70	24.15	25.83
	(MM)	602.5	616.5	645.6	675.1	703.6	613.5	557.6
MINCP	MINIMUM COCKPIT LENGTH (INCHES) [with shortest quick change stem]	23.72	24.27	24.85	25.44	25.99	24.15	25.32
	(MM)	602.5	616.5	631.1	646.1	660.1	613.5	643.1
MAXCP	MAXIMUM COCKPIT LENGTH (INCHES) [with longest quick change stem]	24.86	25.41	26.56	27.15	27.70	25.30	27.03
	(MM)	631.5	645.5	674.6	689.6	703.6	642.5	686.6
CL	CRANK LENGTH (MM)	170						
HTL	HEAD TUBE LENGTH (INCHES)	3.35	4.13	4.92	5.71	6.50	4.13	5.71
	(MM)	85	105	125	145	165	105	145
HA	HEAD ANGLE (DEGREES)	71	71	71.5	71.5	71.5	71	71.5
STA	SEAT TUBE ANGLE (DEGREES)	74.5	74	74	73.5	73.5	74	73.5
CSL	CHAIN STAY LENGTH (INCHES)	16.54						
	(MM)	420						
BBH	BOTTOM BRACKET HEIGHT (INCHES)	11.34	11.34	11.50	11.50	11.50	11.46	11.61
	(MM)	288.0	288.0	292.0	292.0	292.0	291.0	295.0
BBD	BOTTOM BRACKET DROP (INCHES)	1.77	1.77	1.61	1.61	1.61	1.65	1.50
	(MM)	45.0	45.0	41.0	41.0	41.0	42.0	38.0
R	RAKE (INCHES)	1.5						
	(MM)	38.1						
T	TRAIL (INCHES)	2.93	2.93	2.80	2.80	2.80	2.93	2.80
	(MM)	74.37	74.37	71.24	71.24	71.24	74.37	71.24
WB	WHEELBASE (INCHES)	39.92	40.35	40.83	41.26	41.85	40.12	41.18
	(MM)	1014	1025	1037	1048	1063	1018	1046
CT	CENTER TO TOP (INCHES)	14.45	16.97	18.19	19.45	20.94	16.97	19.45
	(MM)	367	431	462	494	532	431	494
I	RECOMMENDED INSEAM RANGE (INCHES)	28.7 –	31.6 –	32.2 –	32.9 –	33.1 –	27.2 –	28.0 –
	[minimum to maximum] (INCHES)	32.2	34.1	34.7	35.8	38.0	35.2	36.0

UTOPIA

SM	MD	LG	XL
27.7	29.1	30.2	31.5
703.0	739.0	767.0	800.0
21.6	22.2	22.8	23.3
549.0	564.0	579.0	591.0
105	120	135	150
10			
24.76	25.99	27.17	28.22
628.9	660.3	690.0	716.8
24.18	24.83	25.42	25.89
614.1	630.7	645.7	657.7
25.92	27.15	27.75	28.22
658.4	689.8	704.8	716.8
170	175	175	175
3.54	4.13	4.92	5.71
90	105	125	145
72.5	73	73	73
75	75	75	75
16.54			
420			
10.98	11.18	11.18	11.18
278.9	284.0	284.0	284.0
2.11	1.95	1.95	1.95
53.5	49.5	49.5	49.5
1.77			
45			
2.20	2.08	2.08	2.08
55.92	52.92	52.92	52.92
40.28	40.79	41.18	41.77
1023	1036	1046	1061
15.51	17.48	19.02	20.98
394	444	483	533
28.7 –	31.1 –	32.2 –	32.5 –
32.2	33.6	35.1	37.4

NIRVANA

XS	SM	MD	LG	XL
27.4	29.3	29.9	30.6	31.8
695.3	743.3	759.3	776.3	807.3
21.3	21.8	22.4	23.0	23.5
540.0	554.0	569.0	583.0	597.0
90	105	120	135	150
15				
23.76	24.88	26.03	27.19	28.31
603.5	632.0	661.1	690.6	719.1
23.76	24.31	24.89	25.48	26.03
603.5	617.5	632.1	647.1	661.1
24.90	26.02	27.17	27.76	28.31
632.5	660.9	690.1	705.1	719.1
170				
3.35	4.13	4.92	5.71	6.50
85	105	125	145	165
71.77	71.77	72.27	72.27	72.27
74.77	74.77	74.77	74.27	74.27
16.54				
420				
11.11	11.11	11.27	11.27	11.27
282.3	282.3	286.3	286.3	286.3
2.00	2.00	1.84	1.84	1.84
50.7	50.7	46.7	46.7	46.7
1.77				
45				
2.37	2.37	2.26	2.26	2.26
60.32	60.32	57.30	57.30	57.30
39.73	40.16	40.63	41.07	41.65
1009	1020	1032	1043	1058
14.45	15.97	18.19	19.45	20.94
367	431	462	494	532
28.4 –	31.3 –	31.9 –	32.6 –	32.8 –
31.9	33.8	34.4	35.5	37.7

ALFRESCO

SM	MD	LG	XL	SM-L
29.3	29.9	30.6	31.8	21.4
743.3	759.3	775.3	807.3	543.3
21.8	22.4	23.0	23.5	21.7
554.0	568.0	583.0	597.0	551.0
105	120	135	150	90
15				
24.88	26.03	27.19	28.31	24.19
632.0	661.1	690.6	719.1	614.5
24.31	24.89	25.48	26.03	24.19
617.5	632.1	647.1	661.1	614.5
26.02	27.17	27.76	28.31	25.33
660.9	690.1	705.1	719.1	643.5
170	175	175	175	170
4.13	4.92	5.71	6.50	4.13
105	125	145	165	105
71.77	72.27	72.27	72.27	71.77
74.77	74.77	74.27	74.27	74.77
16.54				
420				
11.11	11.27	11.27	11.27	11.23
282.3	286.3	286.3	286.3	285.3
2.00	1.84	1.84	1.84	1.63
50.7	46.7	46.7	46.7	47.7
1.77				
45				
2.37	2.26	2.26	2.26	2.37
60.32	57.30	57.30	57.30	60.32
40.16	40.63	41.07	41.65	40.16
1020	1032	1043	1058	1020
16.97	18.19	19.45	20.94	16.97
431	462	494	532	431
31.3 –	31.9 –	32.6 –	32.8 –	23.4 –
33.8	34.4	35.1	36.7	27.3

ZEBRANO

XS	SM	MD	LG	XL	SM-L	LG-L
27.4	29.3	29.9	30.6	31.8	21.4	22.5
695.3	743.3	759.3	776.3	807.3	543.3	572.3
21.3	21.8	22.4	23.0	23.5	21.7	22.8
540.0	554.0	569.0	583.0	597.0	551.0	580.0
90	105	120	135	150	90	105
30						
23.76	24.88	26.03	27.19	28.31	24.13	25.93
603.5	632.0	661.1	690.6	719.1	614.5	658.6
23.76	24.31	24.89	25.48	26.03	24.13	25.36
603.5	617.5	632.1	647.1	661.1	614.5	644.1
24.90	26.02	27.17	27.76	28.31	25.33	27.07
632.5	660.9	690.1	705.1	719.1	643.5	687.6
170						
3.35	4.13	4.92	5.71	6.50	4.13	5.71
85	105	125	145	165	105	145
71.77	71.77	72.27	72.27	72.27	71.77	72.27
74.77	74.77	74.77	74.27	74.27	74.77	74.27
16.54						
420						
11.11	11.11	11.27	11.27	11.27	11.23	11.39
282.3	282.3	286.3	286.3	286.3	285.3	289.3
2.00	2.00	1.84	1.84	1.84	1.68	1.72
50.7	50.7	46.7	46.7	46.7	47.7	43.7
1.77						
45						
2.37	2.37	2.26	2.25	2.26	2.37	2.26
60.32	60.32	57.30	57.30	57.30	60.32	57.30
39.73	40.16	40.63	41.07	41.65	40.16	41.07
1009	1020	1032	1043	1058	1020	1043
14.45	15.97	18.19	19.45	20.94	16.97	19.45
367	431	462	494	532	431	494
28.4 –	31.3 –	31.9 –	32.6 –	32.8 –	23.4 –	24.5 –
31.9	33.8	34.4	35.5	37.7	31.4	32.5

Joshua SPECIFICATIONS

JOSHUA Z0	JOSHUA Z1	JOSHUA Z2	JOSHUA X0	JOSHUA X1	MODEL
Yellow and Red	Polished Aluminum	Sterling Moss	Yellow and Red	Red Earth	COLOR
SM, MD, LG	SM, MD, LG	SM, MD, LG	SM, MD, LG	SM, MD, LG	SIZES
Side butted 6061 T6 heat-treated aluminum main-frame and rear triangle	Side butted 6061 T6 heat-treated aluminum main-frame and rear triangle	Side butted 6061 T6 heat-treated aluminum main-frame and rear triangle	Side butted 6061 T6 heat-treated aluminum main-frame and rear triangle	Side butted 6061 T6 heat-treated aluminum main-frame: Cromoly true-temper rear triangle	FRAME
Rock Shox Judy SL, coil / MCU elastomer, oil damped, long travel, alloy steerer	Rock Shox Judy SL, coil / MCU elastomer, oil damped, long travel, alloy steerer	Rock Shox Judy XC, coil / MCU elastomer, oil damped, long travel, alloy steerer	Rock Shox Indy SL, coil / MCU elastomer, long travel, alloy steerer	Manitou Pro, coil / elastomer, alloy steerer	FORK
Rock Shox Super Deluxe with remote damping adjustor	Rock Shox Super Deluxe with remote damping adjustor	Rock Shox Coupe Deluxe with remote damping adjustor	Rock Shox Deluxe	Rock Shox Deluxe	REAR SHOCK
Chris King NOTHREADSET sealed bearing	WTB OS Grease Guard Aheadset	TS OX2 OS alloy Aheadset	TS STE OS Aheadset	TS STE OS Aheadset	HEADSET
Shimano XTR 24 / 34 / 46	Shimano XT 22 / 32 / 42	Sugino Impel 700, hard anodized chainrings, 20 / 32 / 42	Sugino Impel 300 20 / 32 / 42	Sugino Impel 250 24 / 34 / 42	CRANK
Shimano XTR top swing	Shimano XT top swing	Shimano LX top swing	Shimano STX top swing	Shimano Alivio top swing	FRONT DERAILLEUR
Shimano XTR SGS	Gripshift ESP 9.0	Shimano XT SGS	Shimano LX SGS	Gripshift ESP 5.0	REAR DERAILLEUR
Shimano XTR rapidfire SL 8-speed	Gripshift ESP 900 8-speed	Shimano XT rapidfire SL, 8-speed separate	Shimano LX rapidfire SL 8-speed separate	Gripshift ESP 500 7-speed	SHIFTER
Shimano XTR 11–30, 8-speed	Shimano XT 11–30, 8-speed IG	Shimano IG70 11–30, 8-speed	Shimano IG60 11–30, 8-speed	Shimano IG50 11–30, 7-speed	CASSETTE
Shimano IG90	Shimano IG30	Shimano IG70	KMC IG31	KMC IG31	CHAIN
White Tracker custom	Fisher Ginzu Pro suspension	Fisher Ginzu Pro suspension	Fisher Ginzu Team suspension	Fisher Ginzu Team suspension	FRONT HUB
White Speed Racer Ti 8-speed	Shimano XT 8-speed	Shimano LX 8-speed	Shimano STX RC 8-speed	Shimano Alivio 7-speed	REAR HUB
DT butted 15 / 16 SS, alloy nipples	DT butted 15 / 16 SS, alloy nipples	DT butted 15 / 16 SS	DT 15G SS	DT 15G SS	SPOKES
Mavic 217, welded and machined, 32 hole	Mavic 221, machined, 32 hole	Mavic 221, machined, 32 hole	Bontrager Maverick, machined, 32 hole	Bontrager Maverick, machined, 32 hole	RIMS
WTB Velociraptor lazer kevlar 44 / 50, 120 tpi	WTB Velociraptor lazer kevlar 44 / 50, 120 tpi	WTB Velociraptor kevlar 44 / 50, 60 tpi	WTB Velociraptor kevlar 44 / 50, 60 tpi	WTB Primal Raptor, 26 x 2.1, 60 tpi	FRONT TIRE
WTB Velociraptor lazer kevlar 44 / 50, 120 tpi	WTB Velociraptor lazer kevlar 44 / 50, 120 tpi	WTB Velociraptor kevlar 44 / 50, 60 tpi	WTB Velociraptor kevlar 44 / 50, 60 tpi	WTB Primal Raptor, 26 x 47 / 52, 60 tpi	REAR TIRE
Shimano XTR V	Shimano XT V	Shimano M600 V	Shimano M600 V	Shimano M600 V	BRAKES
Shimano XTR	Shimano XT adjustable V lever	Shimano LX adjustable V lever	Tektro V brake design	Tektro V brake design	LEVERS
Time ATAC Cromo axle	Shimano M535 SPD	Shimano M535 SPD	Shimano M535 SPD	metal cage w/ Fisher toeclip	PEDALS
Bontrager butted Ti, 125gm	Bontrager pg titanium, 150gm	Bontrager race, 155gm	ATB alloy, 230gm	ATB alloy, 230gm	HANDLEBAR
Titanium, 5° rise, 155gm	Bontrager aheadstem, 7° rise, w/ Quick Change, 180gm	Bontrager aheadstem, 7° rise, w/ Quick Change, 180gm	Diecast alloy aheadstem, 15° rise, w/ Quick Change	Diecast alloy aheadstem, 15° rise, w/ Quick Change	STEM
Fisher Hex hi density foam	Fisher Hex hi density foam	Fisher Hex hi density foam	Fisher Hex hi density foam	Gripshift kraton	GRIP
WTB SSTX ti rail, 220gm	WTB SSTX ti rail, 220gm	WTB SSTX cromo rail, 250gm	Bontrager Plus 10	Bontrager Plus 10	SADDLE
Syncros titanium, 185gm	Custom PM 501, 230gm	Custom PM 501, 230gm	alloy micro adjust, 270gm	alloy micro adjust, 270gm	SEATPOST
Bontrager magnesium, 120gm	Fish Fins, 125gm	Fish Fins, 125gm	Fish Sticks, 125gm	Fish Sticks, 125gm	BAR ENDS
Remote damping adjustor	Remote damping adjustor	Remote damping adjustor	Replaceable derailleur hanger	Replaceable derailleur hanger	ANYTHING ELSE?
Replaceable derailleur hanger	Replaceable derailleur hanger	Replaceable derailleur hanger	2 waterbottle bosses	2 waterbottle bosses	
2 waterbottle bosses	2 waterbottle bosses	2 waterbottle bosses			











SPECIFICATIONS aluminum

MODEL	SUPERCALIBER	PARAGON	MONTARE	BIG SUR	KAITAI	TAIKAI
COLOR	Team Fade — Red and Yellow	Onyx Black	Bead Blast	Matte Black	Matte Fern Green	Red Earth
SIZES	SM, MD, LG, XL	SM, MD, LG, XL	SM, MD, LG, XL	SM, MD, LG, XL	SM, MD, LG, XL	SM, MD, LG, XL
FRAME	TIG welded EASTON 6061 T6 heat-treated double butted aluminum alloy	TIG welded EASTON 6061 T6 heat-treated double butted aluminum alloy	TIG welded 6061 T6 heat-treated aluminum alloy	TIG welded 6061 T6 heat-treated aluminum alloy	TIG welded 6061 T6 heat-treated aluminum alloy	TIG welded 6061 T6 heat-treated aluminum alloy
FORK	Manitou SX Tr, Ti springs, MCU elastomers, alloy steerer, 4 bolt crown	Rock Shox Indy SL, coil / MCU elastomer, alloy steerer	Manitou Pro, coil / MCU elastomer, alloy steerer	Rock Shox Indy C, coil / elastomer	Rock Shox Quad 5, elastomer	Cromoly butted with forged dropouts
HEADSET	WTB OS Grease Guard Aheadset	TS DX2 OS alloy Aheadset	TS DX2 OS alloy Aheadset	TS STE OS Aheadset	TS STE OS Aheadset	TS STE OS Aheadset
CRANK	Shimano XT 22 / 32 / 42	Sugino Impel 700, hard anodized chainrings, 20 / 32 / 42	Sugino Impel 500 20 / 32 / 42	Sugino Impel 350 20 / 32 / 42	Sugino Impel 250 24 / 34 / 42	Sugino Impel 250 24 / 34 / 42
FRONT DERAILLEUR	Shimano XT top swing	Shimano LX top swing	Shimano LX top swing	Shimano STX top swing	Shimano Alivio top swing	Shimano Alivio top swing
REAR DERAILLEUR	Shimano XT SGS	Gripshift ESP 7.0	Shimano XT SGS	Shimano STX RC SGS	Shimano Alivio GS	Shimano Alivio GS
SHIFTER	XT rapidfire SL 8-speed	Gripshift ESP 700 8-speed	Shimano STX RC rapidfire 8-speed separate	Gripshift SRT 400 8-speed	Gripshift SRT 400 7-speed	Gripshift SRT 400 7-speed
CASSETTE	Shimano XT 11–30 8-speed IG	Shimano HG70 11–30 8-speed	Shimano HG60 11–30 8-speed	Shimano HG60 11–30 8-speed	Shimano HG50 11–30 7-speed	Shimano HG50 11–30 7-speed
CHAIN	Shimano HG90	Shimano HG70	Shimano HG51	KMC HG31	KMC HG31	KMC HG31
FRONT HUB	Fisher Ginzu Pro suspension	Fisher Ginzu Pro suspension	Fisher Ginzu Team suspension	Fisher Ginzu Team suspension	alloy suspension OS	alloy suspension OS
REAR HUB	Shimano XT 8-speed	Shimano LX 8-speed	Shimano LX 8-speed	Shimano STX RC 8-speed	Shimano Alivio 7-speed	Shimano Alivio 7-speed
SPOKES	DT butted 15 / 16 SS alloy nipples	DT butted 15 / 16 SS	DT 15G SS	DT 15G SS	DT 15G SS	DT 15G SS
RIMS	Mavic 217, welded and machined, 32 hole	Mavic 221, machined, 32 hole	Bontrager Maverick, machined, 32 hole	Bontrager Maverick, machined, 32 hole	Bontrager Maverick, machined, 32 hole	Bontrager Maverick, machined, 32 hole
FRONT TIRE	WTB Velociraptor lazer kevlar 44 / 50, 120 tpi	WTB Velociraptor kevlar 44 / 50, 60 tpi	WTB Primal Raptor, 26 x 2.1, 60 tpi	WTB Primal Raptor, 26 x 2.1, 60 tpi	WTB Primal Raptor, 26 x 2.1, 60 tpi	WTB Primal Raptor, 26 x 2.1, 60 tpi
REAR TIRE	WTB Velociraptor lazer kevlar 44 / 50, 120 tpi	WTB Velociraptor kevlar 44 / 50, 60 tpi	WTB Primal Raptor, 26 x 47 / 52, 60 tpi	WTB Primal Raptor, 26 x 47 / 52, 60 tpi	WTB Primal Raptor, 26 x 47 / 52, 60 tpi	WTB Primal Raptor, 26 x 47 / 52, 60 tpi
BRAKES	Shimano XT V	Shimano M600 V	Shimano M600 V	Shimano M600 V	Shimano Alivio	Shimano Alivio
LEVERS	Shimano XT	Shimano LX adjustable V lever	Tektro V brake design	Tektro V brake design	alloy Gripshift offset	alloy Gripshift offset
PEDALS	Shimano M535 SPD	Shimano M535 SPD	Shimano M535 SPD	metal cage w/ Fisher toeclip	metal cage w/ Fisher toeclip	metal cage w/ Fisher toeclip
HANDLEBAR	Bontrager pg titanium 150gm	Bontrager race 155gm	ATB butted alloy, 170gm	ATB alloy, 230gm	ATB alloy, 230gm	ATB alloy, 230gm
STEM	Bontrager aheadstem, 7° rise, w/ Quick Change, 180gm	Cold forged alloy aheadstem, 10° rise, w/ Quick Change 185gm	Cold forged alloy aheadstem, 10° rise, w/ Quick Change 185gm	Diecast alloy aheadstem, 15° rise, w/ Quick Change	Diecast alloy aheadstem, 15° rise, w/ Quick Change	Diecast alloy aheadstem, 15° rise, w/ Quick Change
GRIP	Fisher Hex hi density foam	Gripshift kraton	Fisher Hex hi density foam	Gripshift kraton	Gripshift kraton	Gripshift kraton
SADDLE	WTB SSTX titanium rail, 220gm	Bontrager C30 230gm, leather cover	Bontrager Plus 10	Bontrager Plus 10	Fisher "supersoft" foam	Fisher "supersoft" foam
SEATPOST	Custom PM 501, 230gm	Custom PM 501, 230gm	alloy micro adjust 270gm	alloy micro adjust 270gm	alloy micro adjust 270gm	alloy micro adjust 270gm
BAR ENDS	Bontrager Race Lite Magnesium, 120gm	Fish fins, 125gm	Fish sticks, 125gm	Fish sticks, 125gm		
ANYTHING ELSE?	2 waterbottle bosses Replaceable derailleur hanger Anti Chain Suck Device	2 waterbottle bosses Replaceable derailleur hanger Anti Chain Suck Device	2 waterbottle bosses Replaceable derailleur hanger Anti Chain Suck Device	2 waterbottle bosses Replaceable derailleur hanger Anti Chain Suck Device	2 waterbottle bosses Replaceable derailleur hanger Anti Chain Suck Device	2 waterbottle bosses Replaceable derailleur hanger Anti Chain Suck Device













steel SPECIFICATIONS

XCALIBER	HOO KOO E KOO	AQUILA	MAMBA	TASSAJARA	MARLIN	WAHOO	MODEL
Cream	Bloodshot Red	Matte White Sand	Matte Titanium	Matte Red and Ballistic Blue	Black and Matte Fern Green	Copper and Matte Bright Silver	COLORS
XS, SM, MD, LG, XL	XS, SM, MD, LG, XL	XS, SM, MD, LG, XL	XS, SM, MD, LG, XL	XS, SM, MD, LG, XL	XS, SM, MD, LG, XL	XS, SM, MD, LG, XL, SM-L, LG-L	SIZES
TIG welded Reynolds 853 double butted, steel alloy	True Temper TIG welded triple butted Cromoly	True Temper TIG welded triple butted Cromoly	TIG Welded double butted Cromoly	TIG Welded double butted Cromoly	TIG Welded full Cromoly	TIG welded Cromoly main tubes	FRAME
Rock Shox Judy XC, coil / elastomer, oil damped, 65mm travel alloy steerer	Rock Shox Indy XC, coil / MCU elastomer, alloy stanchions	Cromoly butted with forged dropouts	Rock Shox Quad 5 elastomer	Cromoly butted with forged dropouts	Cromoly butted with forged dropouts	Cromoly with forged dropouts	FORK
TS DX2 OS alloy Aheadset	TS STE OS Aheadset	TS STE OS Aheadset	Oversize sealed	Oversize sealed	Oversize sealed	Oversize sealed	HEADSET
Sugino Impel 700, hard anodized chainrings, 20 / 32 / 42	Sugino Impel 300 20 / 32 / 42	Sugino Impel 300 20 / 32 / 42	Shimano Alivio 22 / 32 / 42	Shimano Alivio 22 / 32 / 42	Shimano Acera 22 / 32 / 42	Shimano Altus 24 / 34 / 42	CRANK
Shimano LX top swing	Shimano STX top swing	Shimano STX top swing	Shimano Alivio top swing	Shimano Alivio top swing	Shimano Acera top swing	Shimano Altus top swing	FRONT DERAILLEUR
Shimano XT SGS	Shimano STX RC SGS	Shimano STX RC SGS	Shimano Alivio GS	Shimano Alivio GS	Shimano Alivio GS	Shimano Acera GS	REAR DERAILLEUR
Gripshift XRAY 800 8-speed	Gripshift SRT 400 8-speed	Gripshift SRT 400 8-speed	Gripshift SRT 400 7-speed	Gripshift SRT 400 7-speed	Gripshift SRT 400 7-speed	Gripshift MRX 170 7-speed	SHIFTER
Shimano HG70I 11–30 8-speed	Shimano HG60 11–30 8-speed	Shimano HG60 11–30 8-speed	Shimano HG50 11–30 7-speed	Shimano HG50 11–30 7-speed	Shimano HG50 11–30 7-speed	Shimano HG30 11–28 7-speed	CASSETTE
Shimano IG 70	Kmc IG31	Kmc IG31	Kmc IG31	Kmc IG31	KMC HG50	KMC UG50	CHAIN
Fisher Ginzu Pro suspension	Fisher Ginzu Team suspension	alloy suspension OS	alloy suspension OS	alloy sealed QR	alloy sealed QR	alloy sealed QR	FRONT HUB
Shimano LX 8-speed	Shimano STX RC 8-speed	Shimano STX RC 8-speed	Shimano Alivio 7-speed	Shimano Alivio 7-speed	Shimano Acera 7-speed	Shimano RH40 7-speed	REAR HUB
DT butted 15 / 16 SS	DT 15 SS	DT 15 SS	DT 15 SS	DT 156 SS	156 SS	156 Plated	SPOKES
Mavic 221, machined, 32 hole	Bontrager Maverick, machined, 32 hole	Bontrager Maverick, machined, 32 hole	Weinmann 519, 32 hole	Weinmann 519, 32 hole	Weinmann 519, 32 hole	Weinmann 519, 36 hole	RIMS
WTB Velociraptor kevlar 44 / 50, 60 tpi	WTB Primal Raptor, 26 x 2.1, 60 tpi	WTB Primal Raptor, 26 x 2.1, 60 tpi	WTB Primal Raptor, 26 x 2.1	WTB Primal Raptor, 26 x 2.1	WTB Primal Raptor, 26 x 2.1	Skinwall knobby, 26 x 1.95	FRONT TIRE
WTB Velociraptor kevlar 44 / 50, 60 tpi	WTB Primal Raptor, 26 x 47 / 52, 60 tpi	WTB Primal Raptor, 26 x 47 / 52, 60 tpi	WTB Primal Raptor, 26 x 47 / 52	WTB Primal Raptor, 26 x 47 / 52	WTB Primal Raptor, 26 x 47 / 52	Skinwall knobby, 26 x 1.95	REAR TIRE
Shimano M600 V	Shimano M600 V	Shimano M600 V	Shimano Alivio	Shimano Alivio	Shimano Acera	Shimano Altus	BRAKES
Shimano LX adjustable V lever	Tektro V brake design	Tektro V brake design	alloy Gripshift offset	alloy Gripshift offset	alloy Gripshift offset	alloy Gripshift offset	LEVERS
Shimano M535 SPD	alloy cage w/ Fisher toeclip	alloy cage w/ Fisher toeclip	metal cage w/ Fisher toeclip	metal cage w/ Fisher toeclip	resin body w/ toeclip	resin	PEDALS
Bontrager race 580mm, 155gm	ATB alloy 580mm, 230gm	ATB alloy 580mm, 230gm	ATB alloy 580mm, 230gm	ATB alloy 580mm, 230gm	ATB steel 580mm	ATB steel 580mm	HANDLEBAR
Bontrager aheadstem, 7° rise, w/ Quick Change, 180gm	Diecast alloy aheadstem, 15° rise, w/ Quick Change	Diecast alloy aheadstem, 15° rise, w/ Quick Change	ATB steel, 15° rise, w/ Quick Change	ATB steel, 15° rise, w/ Quick Change	ATB steel, 15° rise, w/ Quick Change	ATB steel, 15° rise	STEM
Gripshift kraton	Gripshift kraton	Gripshift kraton	Gripshift kraton	Gripshift kraton	Gripshift kraton	Gripshift kraton	GRIP
Bontrager C30, 230gm, leather cover	Bontrager Plus 10,	Bontrager Plus 10,	Fisher "supersoft" foam	Fisher "supersoft" foam	Fisher "supersoft" foam	Fisher "supersoft" foam	SADDLE
Custom PM 501, 230gm	alloy micro adjust 270gm	alloy micro adjust 270gm	Aluminum alloy micro adjust	Aluminum alloy micro adjust	Aluminum alloy micro adjust	Aluminum alloy micro adjust	SEATPOST
Fish Fins, 125gm	Fish Sticks, 125gm	Fish Sticks, 125gm					BAR ENDS
2 waterbottle bosses	2 waterbottle bosses	2 waterbottle bosses	2 waterbottle bosses	2 waterbottle bosses	2 waterbottle bosses	2 waterbottle bosses	ANYTHING ELSE?
Anti Chain Suck Device	rack mounts	rack mounts	rack mounts	rack mounts			









SPECIFICATIONS s.u.b.

MODEL	UTOPIA	NIRVANA	ALFRESCO	ZEBRANO
COLOR	Red Earth	Retro Blue	Onyx Black	Ballistic Blue
SIZES	SM, MD, LG, XL	XS, SM, MD, LG, XL	SM, MD, LG, XL SM-L	SM, MD, LG, XL SM-L, LG-L
FRAME	TIG welded 6061 T6 heat-treated aluminum alloy	True Temper TIG welded double butted Cromoly	TIG Welded full Cromoly	TIG welded full Cromoly
FORK	Cromoly	Cromoly	Cromoly	Cromoly
HEADSET	Oversize alloy sealed	Oversize sealed	Oversize sealed	Oversize sealed
CRANK	Sugino Fuse 24 / 36 / 46	FC500 28 / 38 / 48	Sugino Single 34T	Shimano Altus 24 / 34 / 42
FRONT DERAILLEUR	Shimano FC500	Shimano FC500		Shimano Altus top swing
REAR DERAILLEUR	Shimano STX SGS	Shimano Alivio GS	Shimano Nexus internal	Shimano Acera GS
SHIFTER	Gripshift SRT 450IBS 7-speed	Gripshift SRT 400 7-speed	Shimano Nexus	Gripshift MRX 170 7-speed
CASSETTE	Shimano IG50 11–30 7-speed	Shimano IG50 11–30 7-speed		Shimano HG30 11–30 7-speed
CHAIN	KMC IG31	KMC IG31	KMC	KMC UG50
FRONT HUB	alloy sealed OR, OS	alloy sealed OR	alloy sealed OR	alloy sealed OR
REAR HUB	Shimano STX 7-speed	Shimano Alivio 7-speed	Shimano Nexus 16T	Shimano RH40 7-speed
SPOKES	DT 15G SS	DT 15G SS	DT 15G SS	15G SS
RIMS	Bontrager Maverick, 32 hole	Weinmann 519, 32 hole	Weinmann 519, 36 hole	Weinmann 519, 36 hole
FRONT TIRE	Tioga City Slicker 2, 26 x 1.5	Tioga City Slicker 2, 26 x 1.5	Tioga City Slicker 2, 26 x 1.5	Tioga City Slicker 2, 26 x 1.5
REAR TIRE	Tioga City Slicker 2, 26 x 1.5	Tioga City Slicker 2, 26 x 1.5	Tioga City Slicker 2, 26 x 1.5	Tioga City Slicker 2, 26 x 1.5
BRAKES	Shimano Alivio	Shimano Alivio	internal roller / Altus front	Shimano Altus
LEVERS	Gripshift IBS	alloy Gripshift offset	alloy Gripshift offset	alloy Gripshift offset
PEDALS	metal w/ Fisher clip	resin with toeclip	dual density resin	dual density resin
HANDLEBAR	ATB steel, 15° rise, w/ Quick Change	ATB steel, 15° rise, w/ Quick Change	ATB steel, 15° rise, w/ Quick Change	ATB steel, 30° rise, w/ Quick Change
STEM	ARC aluminum, 580mm	ARC aluminum, 580mm	ARC aluminum, 580mm	ATB steel, 560mm
GRIP	Gripshift kraton	Gripshift kraton	Gripshift kraton	Gripshift kraton
SADDLE	Bontrager plus 10	Fisher "supersoft" foam	Fisher "supersoft" foam	Fisher "supersoft" foam
SEATPOST	Alloy micro adjust 270gm	Aluminum alloy micro adjust	Aluminum alloy micro adjust	Aluminum alloy micro adjust
ANYTHING ELSE?	2 waterbottle bosses	2 waterbottle bosses	2 waterbottle bosses Smoke Chainguard	2 waterbottle bosses






kid's SPECIFICATIONS

MT JAM	TYRO	SHORTCUT	MINNOSAURUS	MUDPUPPY	MODEL
Chrome	Black and Purple	Blue amd Matte Teal	Red and Pink	Blue and Pink	COLORS
11.5" frame / 24" wheel	11.5" frame / 24" wheel	11.5" frame / 20" wheel	11.5" frame / 20" wheel	compact frame / 16" wheel	SIZES
TIG welded	TIG welded	TIG welded	TIG welded	TIG welded	FRAME
RST 161 coil spring / elastomer	hi ten	hi ten	hi ten	hi ten	FORK
steel sealed	steel sealed	steel loose ball	steel loose ball	steel loose ball	HEADSET
SR XR00 28 / 38 / 48	SR XR00 28 / 38 / 48	1 pc style 40T	1 pc style 40T	1 pc style 32T	CRANK
Shimano Tourney	Shimano Tourney				FRONT DERAILLEUR
Shimano Tourney	Shimano Tourney	Shimano Tourney			REAR DERAILLEUR
Gripshift MRX 160 6-speed	Gripshift MRX 160 6-speed	Gripshift MRX 160 6-speed			SHIFTER
Shimano HG30 14–28, 6-speed	Shimano HG30 14–28, 6-speed	SRHG50 14–28, 6-speed			CASSETTE
KMC UG50	KMC UG50	KMC UG50	KMC 410	KMC 410	CHAIN
Nutted axle	Nutted axle	Nutted axle	Nutted axle	Nutted axle	FRONT HUB
Sealed nutted axle 6-speed	Sealed nutted axle 6-speed	Sealed nutted axle 6-speed	Sealed nutted axle	Sealed nutted axle	REAR HUB
15G Plated	15G Plated	14G Plated	14G Plated	14G Plated	SPOKES
Weinmann 519	Weinmann 519	Weinmann 519	Chrome steel	Chrome steel	RIMS
Blackwall knobby	Blackwall knobby	Blackwall knobby	Dinosaur tread	Comp III	FRONT TIRE
Blackwall knobby	Blackwall knobby	Blackwall knobby	Dinosaur tread	Comp III	REAR TIRE
Alloy cantilever	Alloy cantilever	Alloy cantilever	Coaster	Coaster	BRAKES
Alloy	Alloy	Resin			LEVERS
Resin	Resin	Resin	Resin	Resin	PEDALS
ATB steel	ATB steel	low rise steel	Downhill rise steel	BMX rise steel	HANDLEBAR
ATB steel	ATB steel	ATB steel	ATB steel	Alloy / steel	STEM
Gripshift kraton	Gripshift kraton	Gripshift kraton	Kraton mushroom-style	Kraton mushroom-style	GRIP
Fisher "supersoft" foam	Fisher "supersoft" foam	Fisher "supersoft" foam	Dino print	Lizard print	SADDLE
Steel pin	Steel pin	Steel pin	Steel pin	Steel pin	SEATPOST
Cromoly					BAR ENDS
1 waterbottle boss	1 waterbottle boss	1 waterbottle boss double chainguard		3 piece pads, color matched training wheels	ANYTHING ELSE?





