

1997

PRINCESS



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.

A lot can happen in 23 years.

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





SIZES  
COLOR  
FRAME  
FORK  
REAR SHOCK  
DRIVETRAIN  
BRAKES  
HUBSET  
RIMS  
TIRES

SM, MD, LG

Yellow and Red

Side butted 6061 T6 heat-treated aluminum mainframe and unified rear triangle  
Rock Shox Judy SL, coil / MCU elastomer guts with oil damping, long travel and alloy steerer  
Rock Shox Super Deluxe with remote damping adjustment  
Shimano XTR rapidfire SL  
Shimano XTR V  
White Tracker custom front. WhiteSpeed Racer Ti 8-speed rear  
Mavic 217, welded and machined, 32 hole  
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.

RACEABLE  
OUT OF THE BOX.

Side butted 6061 T6 heat-treated aluminum mainframe and unified rear triangle  
Rock Shox Judy SL, coil / MCU elastomer guts with oil damping, long travel and alloy steerer

Rock Shox Super Deluxe with remote damping adjustment

Gripshift ESP 9.0 with Shimano XT

Shimano XT V with Shimano XT adjustable V brake levers

Fisher Ginzu Pro suspension front; Shimano XT 8-speed rear

Mavic 221, machined, 32 hole

WTB Velociraptor kevlar 44 / 50

SM, MD, LG

Polished Aluminum

SIZES

COLOR

FRAME

FORK

REAR SHOCK

DRIVETRAIN

BRAKES

HUBSET

RIMS

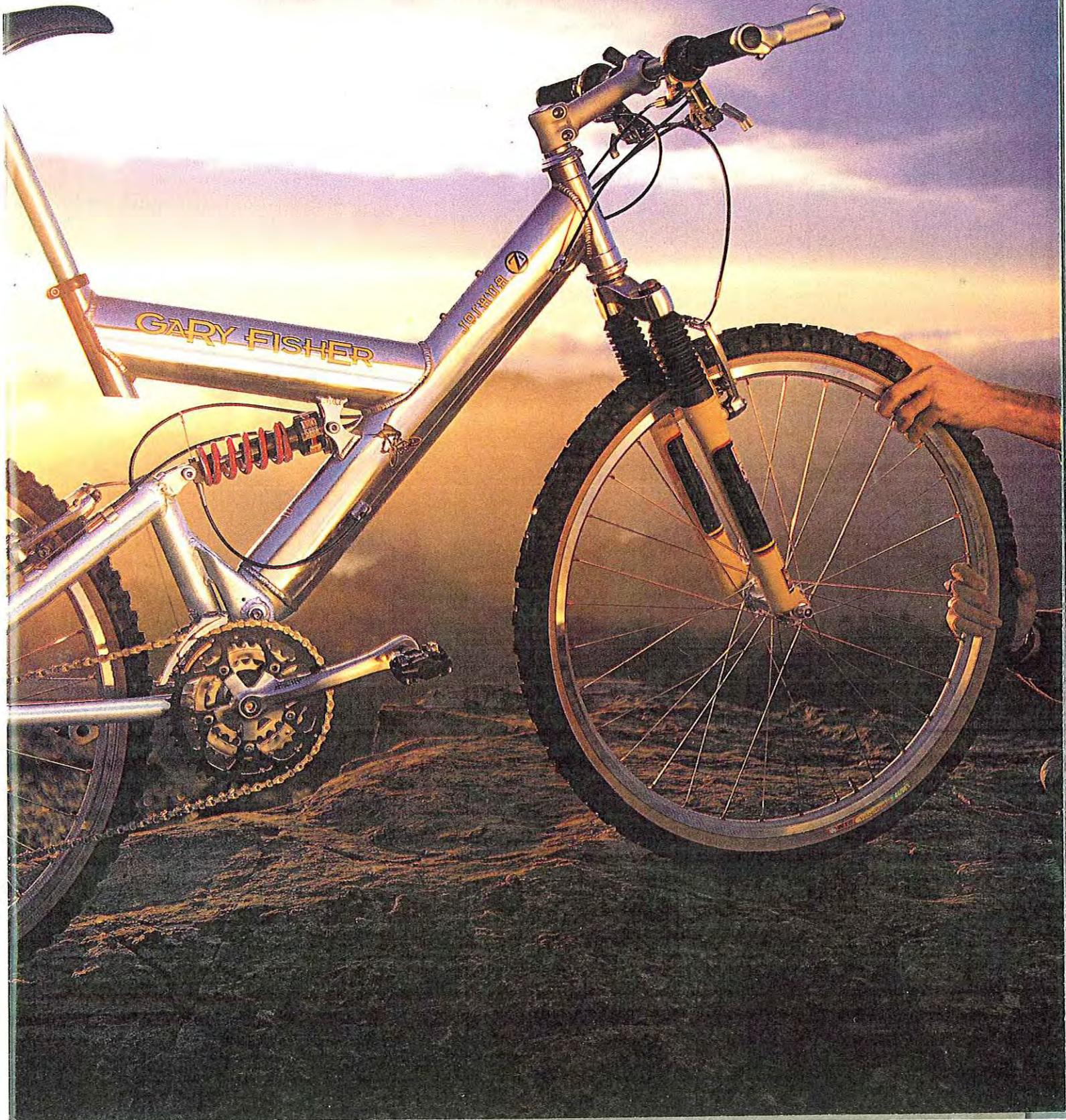
TIRES

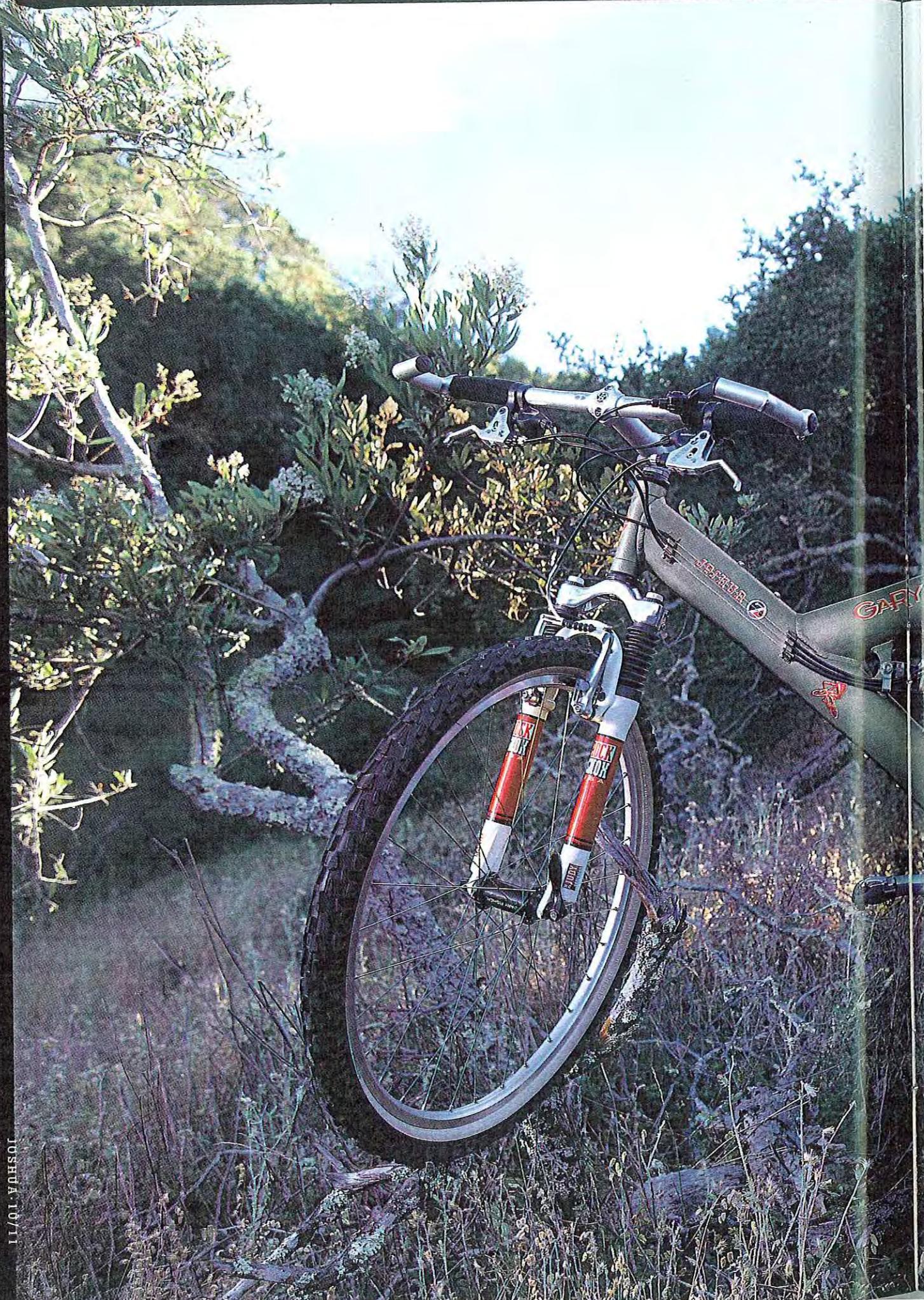
GARY'S TASTY TIDBITS

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 72

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 Ginz 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 about the remote-adjusting Coupe Deluxe rear shock on this bike.

SM, MD, LG

Yellow with Red rear triangle

Side butted 6061 T6 heat-treated aluminum mainframe and unified rear triangle

Rock Shox Indy SL, coil / MCU elastomer guts, long travel and alloy steerer

Rock Shox Deluxe coil over

Shimano LX rapidfire SL

Shimano M600 V with Tektro V brake levers

Fisher Ginzu Team suspension front; Shimano STX RC 8-speed rear

Bontrager Maverick, 32 hole

WTB Velociraptor kevlar 44 / 50

SIZES

COLOR

FRAME

FORK

REAR SHOCK

DRIVETRAIN

BRAKES

HUBSET

RIMS

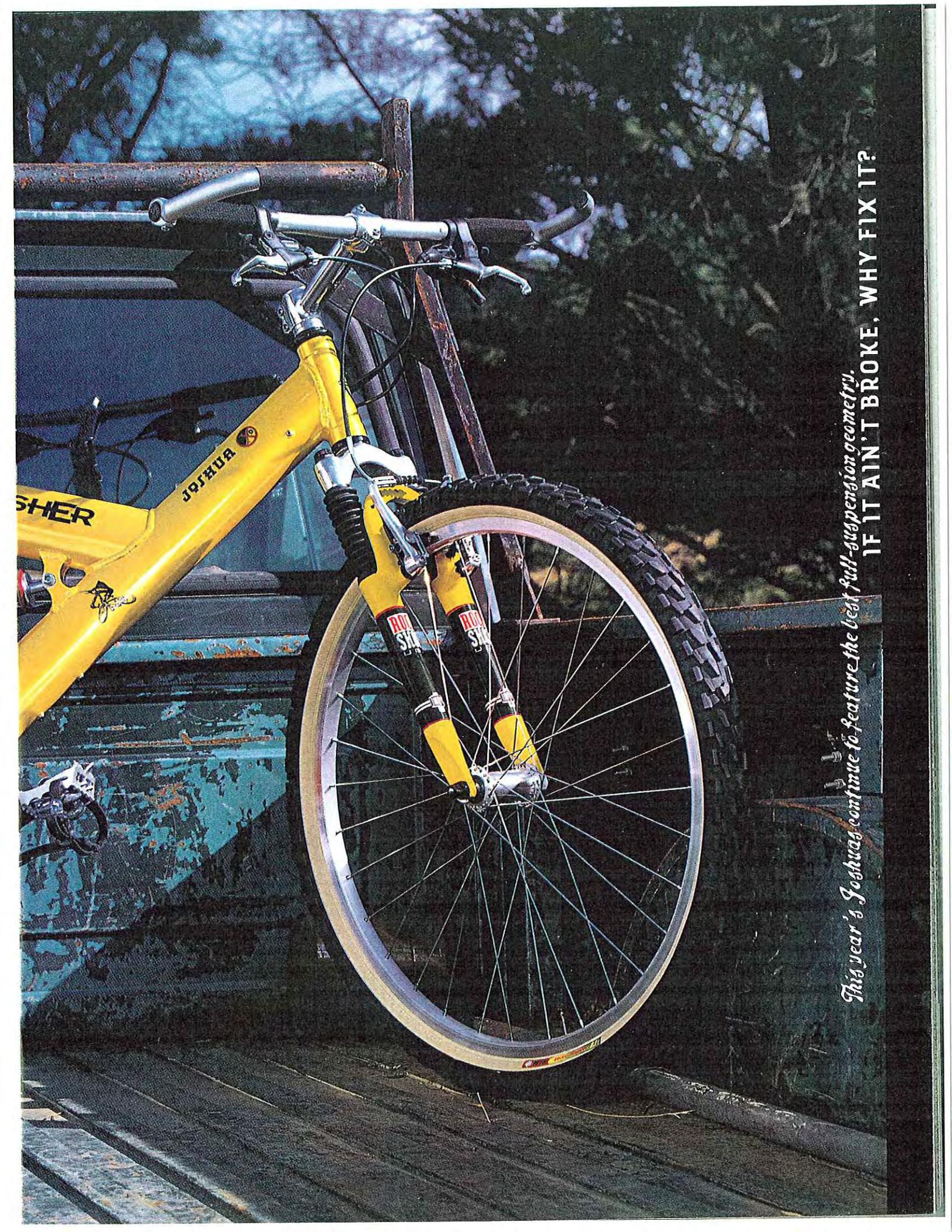
TIRES

## GARY'S TASTY TIDBITS

## LONG TRAVEL SUSPENSION

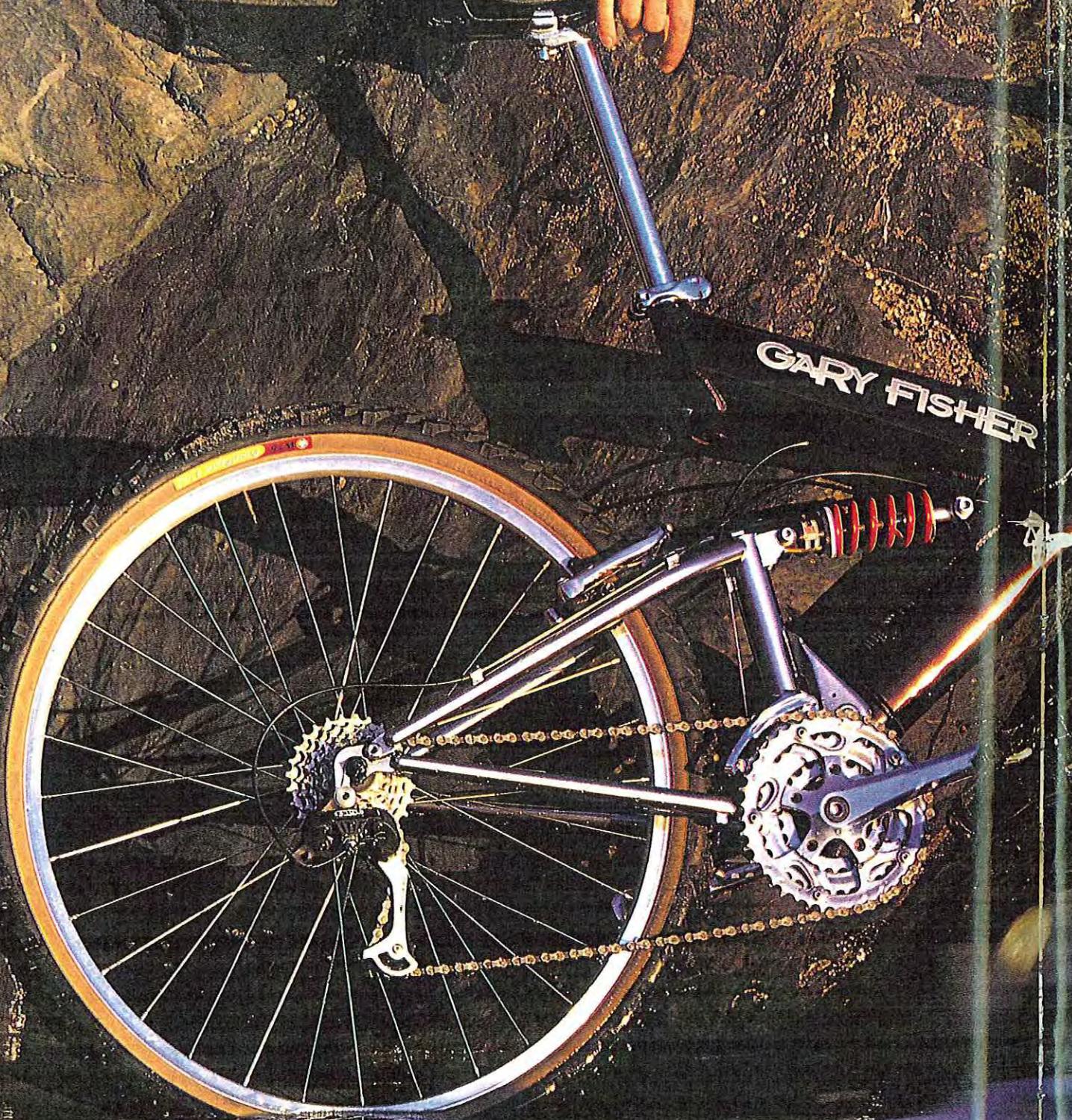
3 inches in front  
and 4 inches behind  
of terrain-gobbling  
suspension.

WTB VELOCIRAPTORS  
Way cool tires.6061 T6 HEAT-TREATED ALUMINUM  
mainframe and  
unified rear triangle.



**IF IT AIN'T BROKE, WHY FIX IT?**

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



## 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-tempo 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.

THE BRAKES ARE BETTER  
THAN ANYTHING WE HAD  
TWO YEARS AGO.  
*anything!*  
AND THE SHIFTING; *it's great, it's impeccable.*



DUB FER 12

ALUMINUM - 18/19  
This frame is made of the best aluminum available.

## SUPERCALIBER



**SIZES**  
**COLOR**  
**FRAME**  
**FORK**  
**DRIVETRAIN**  
**BRAKES**  
**HUBSET**  
**RIMS**  
**TIRES**

SM, MD, LG, XL

Team Fade — Red and Yellow

TIG welded Easton 6061 T6 heat-treated, double butted aluminum alloy

Manitou SX Ti, titanium spring, alloy steerer, 4 bolt crown

Shimano XT rapidfire SL

Shimano XT V

Fisher Cinzu Pro suspension front; Shimano XT 8-speed rear

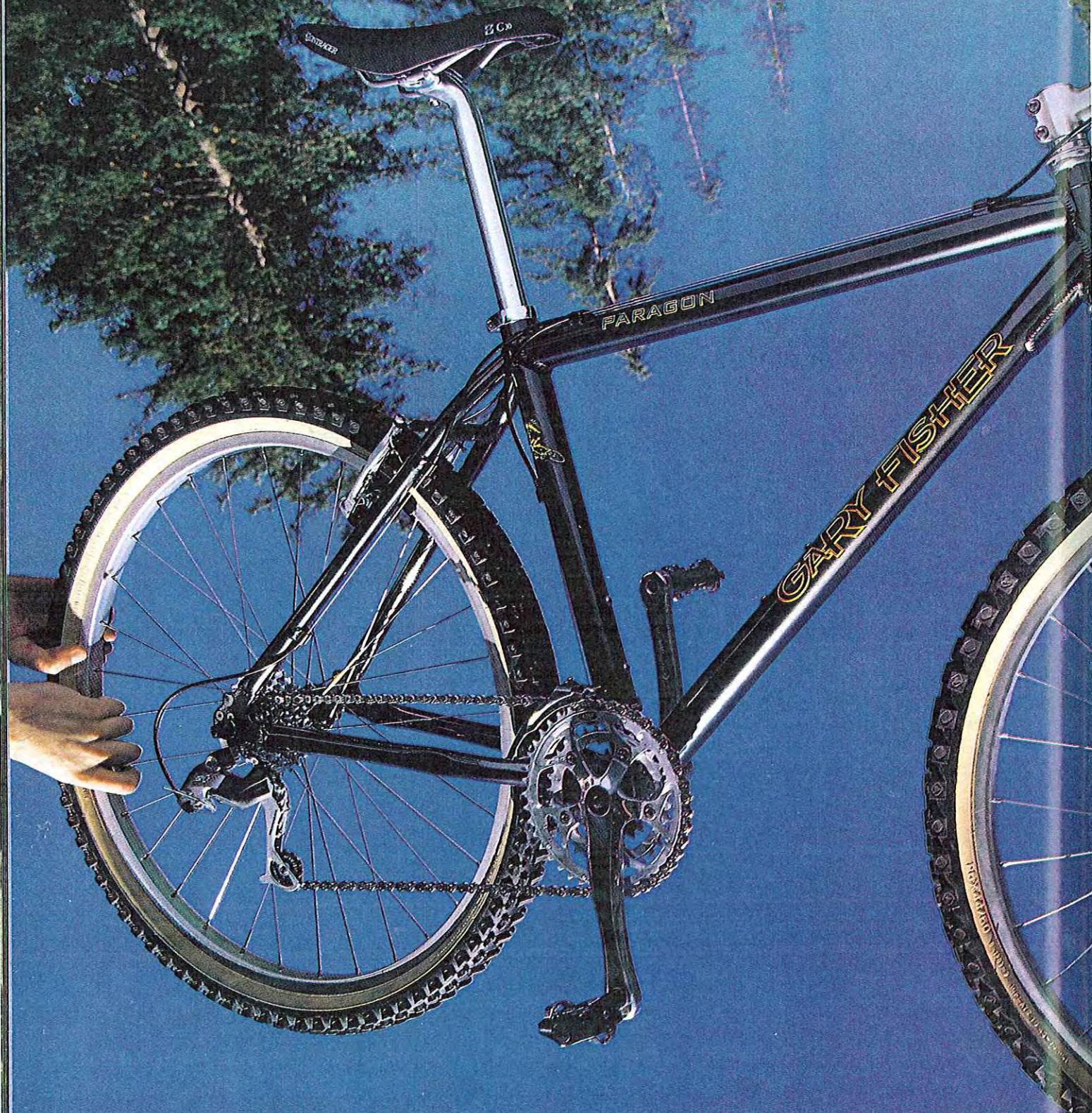
Mavic 217, welded and machined, 32 hole

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

**what a concept.**

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

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

SIZES  
COLOR  
FRAME  
FORK  
DRIVETRAIN  
BRAKES  
HUBSET  
RIMS  
TIRES

SM, MD, LG, XL

Onyx Black

TIG welded Easton 6061 T6 heat-treated, double butted aluminum alloy

Rock Shox Indy SL, coil / MCU elastomer guts, alloy steerer and stanchions

Gripshift ESP 7.0

Shimano M600 V with Shimano LX adjustable V brake levers

Fisher Ginzu Team suspension front; Shimano LX 8-speed rear

Mavic 221, machined, 32 hole

WTB Velociraptor kevlar 44/50



# 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 4.7 / 52, 60 tpi rear

## GARY'S TASTY TIDBITS

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

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

FISHER HEX  
FORM GRIPS  
Still the best.

## COOL COMPONENTS FROM MANITOU AND SHIMANO.

If you like the way I addded gobs of peddles to this life,  
**X BONUS!**



# BIG SUR

24 SPEEDS

for every addiction.

SIZES

SM, MD, LG, XL

Matte Black

TIG welded 6061 T6 heat-treated aluminum alloy

FRAME

Rock Shox Indy C, coil / elastomer guts

FORK

Gripshift SRT 400 with Shimano STX RC SGS derailleur

DRIVETRAIN

Shimano M600 V with Tektro V brake levers

BRAKES

Fisher Ginzu Team suspension front; Shimano STX RC 8-speed rear

HUBSET

Bontrager Maverick, 32 hole

RIMS

WTB Prima Raptor, 26 x 2.1, 60 tpi front; 26 x 4.7 / 52, 60 tpi rear

TIRES

GARY'S TASTY TIDBITS

BONTRAGER

PLUS 10 SADDLE

Racy but comfy.

GRISSHIFT SRT 400

Smoothen sticker 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.

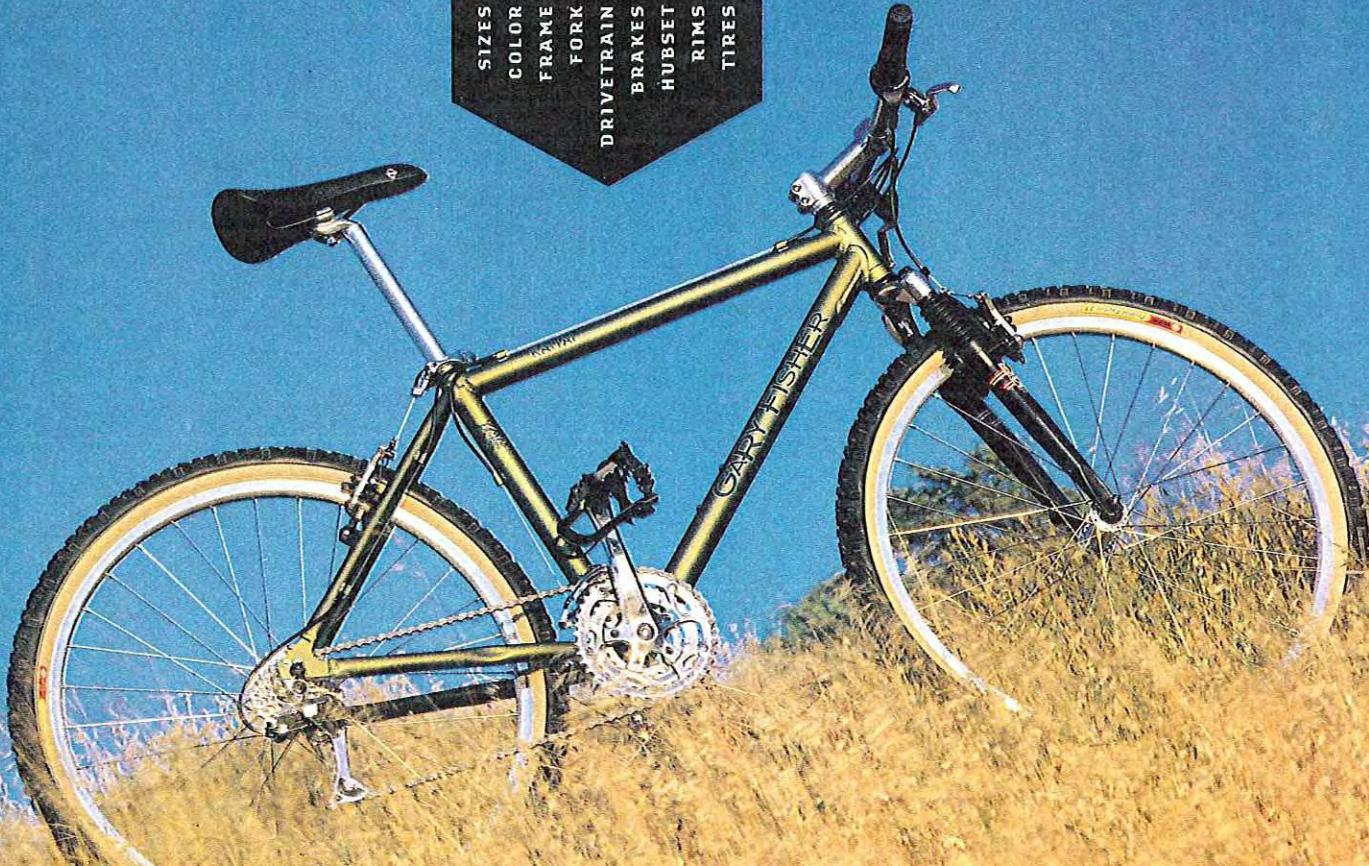
SIZES	SM, MD, LG, XL
COLOR	Matte Fern Green
FRAME	TIG welded 6061 T6 heat-treated aluminum alloy
FORK	Rock Shox Quad 5, elastomer guts
DRIVETRAIN	Gripshift SRT 4.0 with Shimano Alivio derailleur
BRAKES	Shimano Alivio Cantilever with alloy levers, offset for Gripshift
HUBSET	alloy suspension OS front; 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

SUGENO IMPEL 2.50  
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 4.7 / 52, 60 tpi rear

GARY'S TASTY TIDBITS

QUICK CHANGE STEM

No excuses for an ill-fitting bike.

WTB PRIMAL RAPTOR

These tires bite. Hard.

TAIKAI

**XCALIBER**

*lighter, and significantly stronger.*

THANKS TO REYNOLDS 853, WE CAN MAKE THIS STEEL FRAME

XS, SM, MD, LG, XL  
Cream

Sequentially TIG welded Reynolds 853, double butted steel alloy Rock Shox Judy XC, coil / MCU elastomer guts, oil damped, 65mm travel, alloy steerer Griplshift XRAY 800 with Shimano XT Shimano M600 V with Shimano LX adjustable V brake levers Fisher Ginzu Pro suspension front; Shimano LX 8-speed rear Mavic 221, machined, 32 hole WTB Velociraptor kevlar 44/50

SIZES  
COLOR  
FRAME  
FORK  
DRIVETRAIN  
BRAKES  
HUBSET  
RIMS  
TIRES

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  
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.







the quintessential Fisher bike.

## HOO KOO E KOO

STEEL 30/31

SIZES  
COLOR  
FRAME  
FORK  
DRIVETRAIN  
BRAKES  
HUBSET  
RIMS  
TIRES

XS, SM, MD, LG, XL

Bloodshot Red

True Temper sequentially TIG welded, triple butted Cromoly  
Rock Shox Indy XC, coil / MCU elastomer guts  
Gripshift SRT 400 with Shimano STX derailleur  
Shimano M600 V with Tektro V brake levers  
Fisher Ginz Team suspension front: Shimano STX RC 8-speed rear  
Bontrager Maverick, 32 hole  
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.



Larger diameter down tube PUTS A LITTLE MORE



RENGTH AND A LITTLE MORE STIFFNESS

*where it's needed,  
where your pedaling action is.*



SIZES  
COLOR  
FRAME  
FORK  
DRIVETRAIN  
BRAKES  
HUBSET  
RIMS  
TIRES

XS, SM, MD, LG, XL

Matte White Sand

True Temper sequentially TIG welded triple butted Cromoly  
Cromoly butted

Gripshift SRT 400 with Shimano STX derailleur

Shimano M600 V with Tektro V brake levers

alloy suspension OS front, Shimano STX RC 8-speed rear  
Bontrager Maverick, 32 hole

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.

AQUILA

STEEL 32/33

# MAMBA

...and the rest is history.



## SIZES

XS, SM, MD, LG, XL

## COLOR

Matte Titanium

## FRAME

Sequentially TIG welded double butted Cromoly

## FORK

Rock Shox Quik 5, elastomer guts

## DRIVETRAIN

Gripshift SRT 4.00 with Shimano Alivio derailleuer

## BRAKES

Shimano Alivio with alloy levers, offset for Gripshift

## HUBSET

alloy suspension US front, Shimano Alivio 7-speed rear

## RIMS

Weinmann 519, 32 hole

## TIRES

WTB Primal Raptor, 26 x 2.1 front; 26 x 4.7 / 5.2 rear

## GARY'S TASTY TIDBITS

### ROCK SHOX QUADRA S

Real suspension  
at a real low price.

### FISHER SPOON LEVER

Ergonomic design  
to cinch you down tight

### Oversize front hub

Adds steering precision.

you're going to pick up free  
if it's like the trimmings on a bike.

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



**SIZES**

XS, SM, MD, LG, XL

Matte Red and Ballistic Blue

Color

Frame

Cromoly butted

Fork

Cromoly butted

Drivetrain

Gripshift SRT 400 with Shimano Alivio derailleurs

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 4.7 / 5.2 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 details  
outlined in Yellow.

**TASSAJARA**

# MARLIN



SIZES XS, SM, MD, LG, XL

COLOR Black and Matte Fern Green

FRAME Sequentially TIG welded full Cromoly  
Cromoly butted

FORK Gripshift SRT 400 with Shimano Alivio derailleurs  
DRIVETRAIN Shimano Acera with alloy levers, offset for Gripshift  
BRAKES Shimano Acera with alloy sealed QR front; Shimano Acenta 7-speed rear

HUBSET Weinmann 51g, 32 hole

RIMS WTB PrimalRaptor, 26 x 2.1 front; 26 x 4.7 / 52 rear

TIRES

## GARY'S TASTY TIDBITS

WTB PRIMAL RAPTORS  
From Gary's favorite  
tire guys.

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

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

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

the Gripshift STR 400 clicks nice, feels right, 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 derailleurs  
**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**  
1 1/8" = 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.

*gullishness in a new niftier*:  
The Cheapass Bike

## UTOPIA

SIZES  
SM, MD, LG, XL

COLOR  
Red Earth

FRAME  
TIG welded 6061 T6 heat-treated aluminum alloy

FORK  
Cromoly  
Griplshift SRT 450 IBS with Shimano Alivio derailleuer

SHIMANO ACERA with alloy levers, offset for Griplshift IBS  
alloy sealed QR, OS front: Shimano Alivio 7-speed rear  
Bontrager Maverick, 32 hole

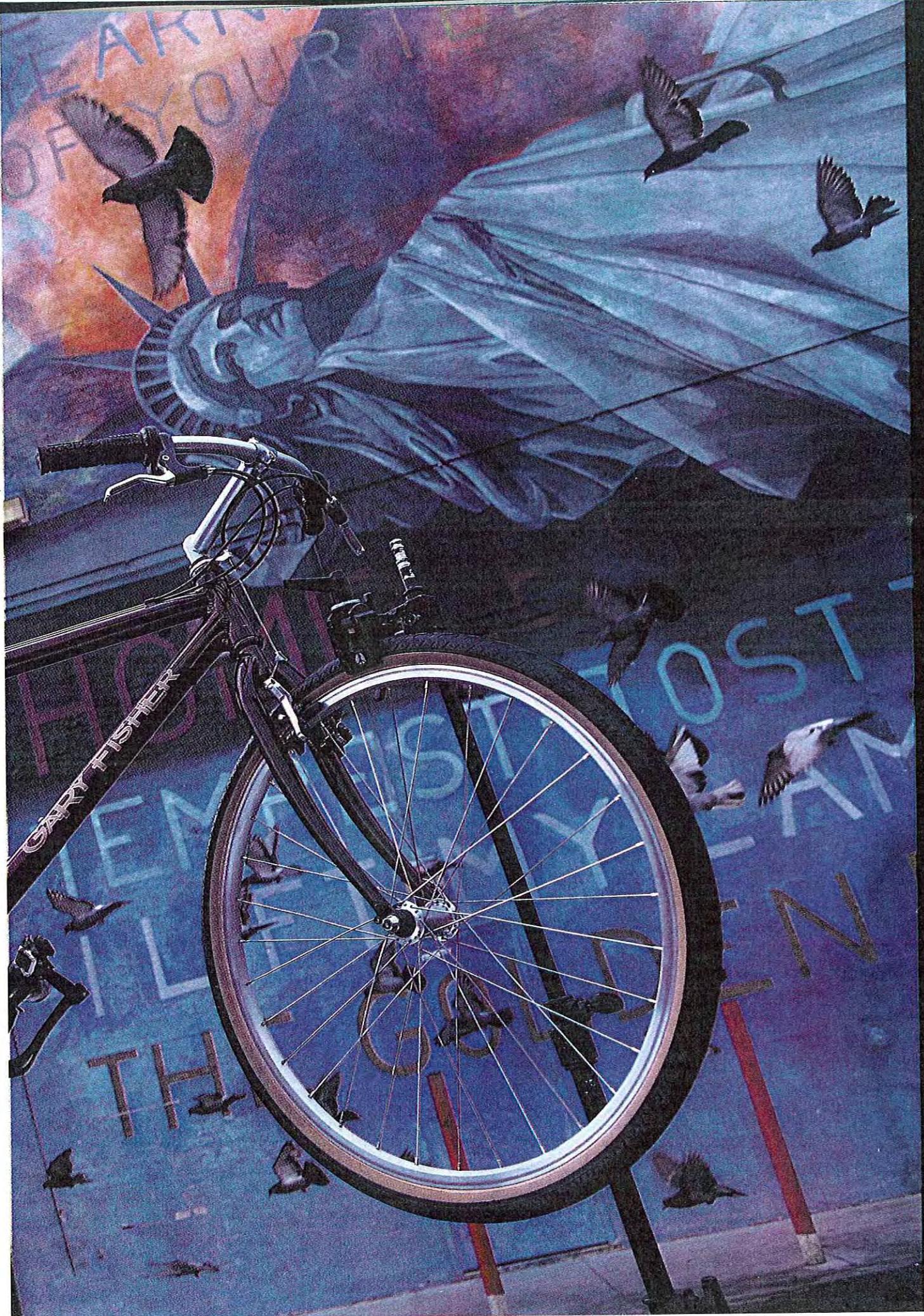
TIRES  
Tioga City Slicker 2.26 x 1.5

### GARY'S TASTY TIDBITS

ALUMINUM FRAME  
Light and fast.

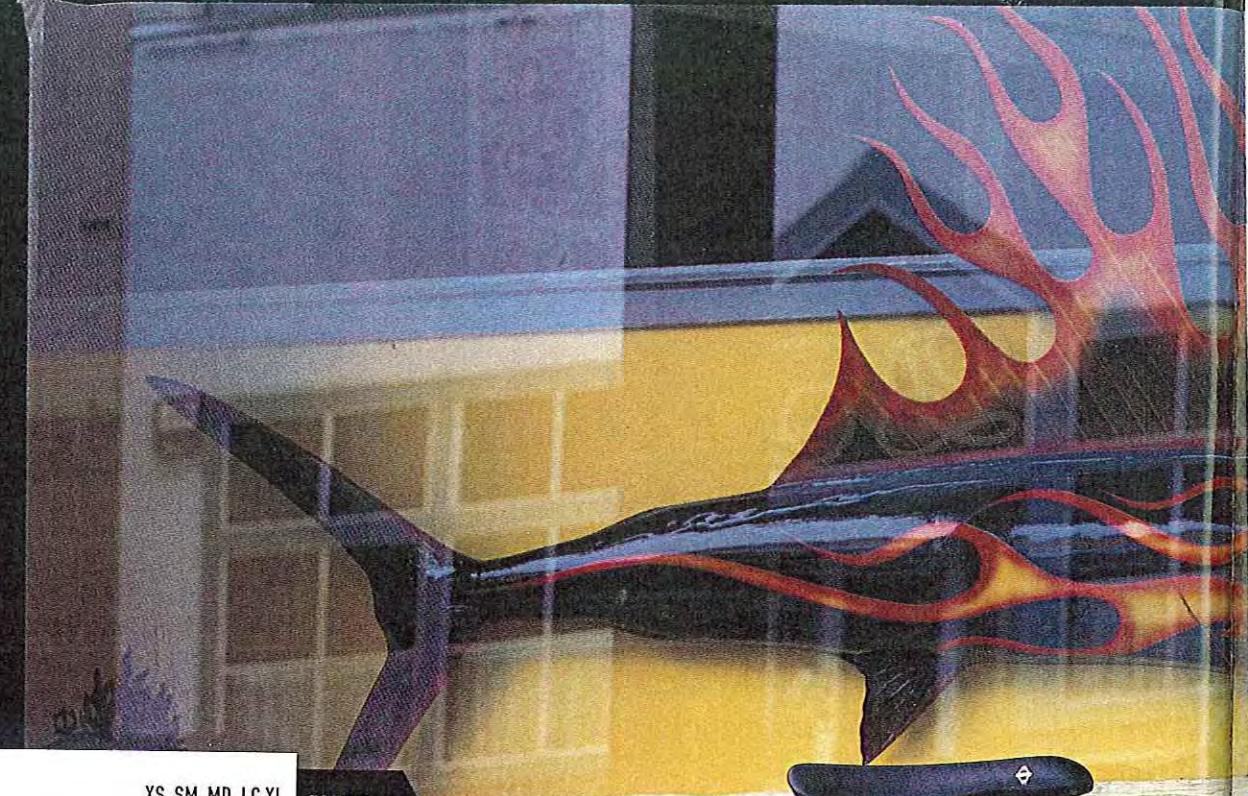
GRIPLSHIFT SRT 450  
Integrated Brake/Shifter.  
Efficient design.  
small footprint.





NIRVANA

S.O.B.: 33/39



XS, SM, MD, LG XL

Retro Blue

Cromoly

Gripshift SRT 400 with Shimano Alivio derailleur

Shimano Alivio with alloy levers, offset for Gripshift

alloy sealed QR front, Shimano Acera 7-speed rear

Weinmann 519, 32 hole

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-tempo,  
double-butted.

SIZES

COLOR

FRAME

FORK

DRIVETRAIN

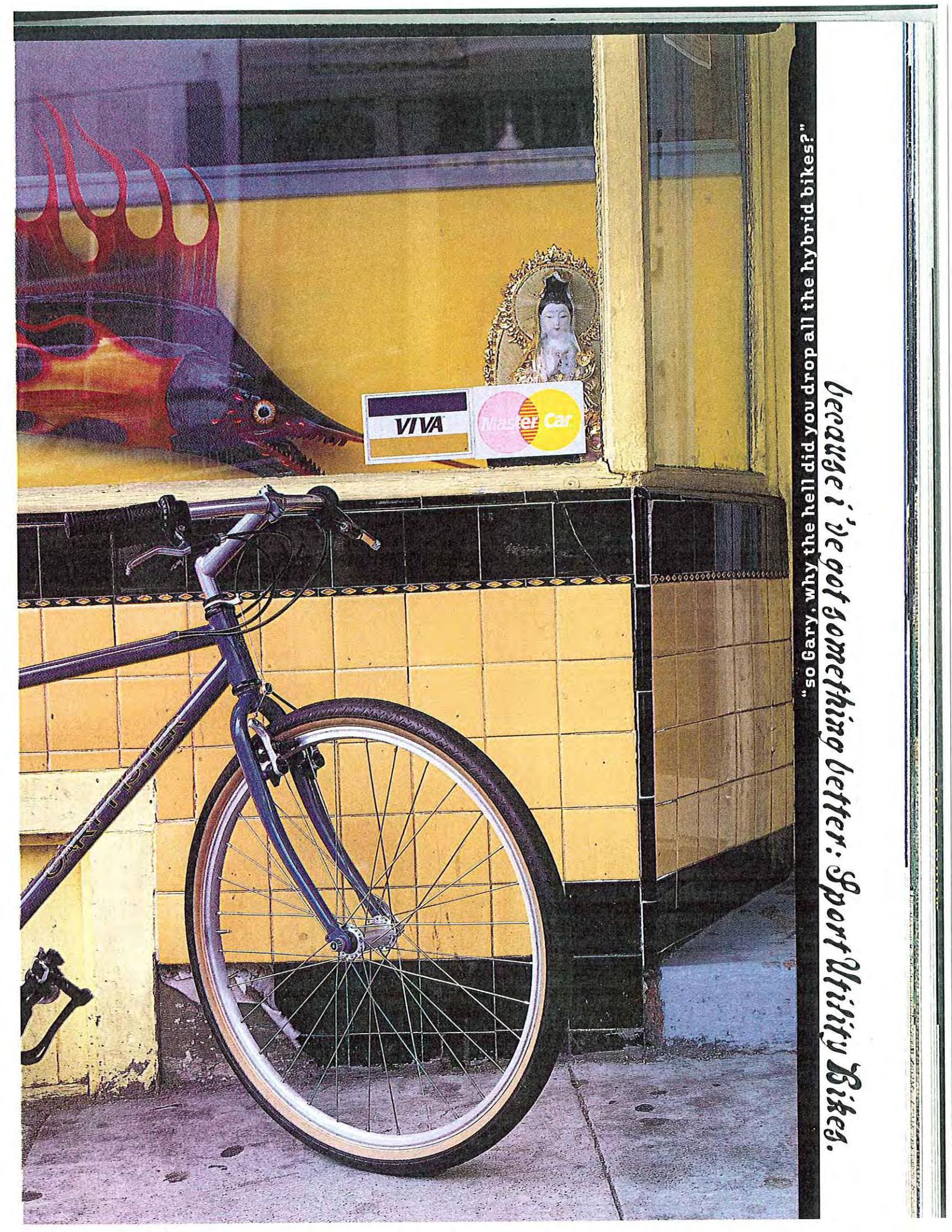
BRAKES

HUBSET

RIMS

TIRES





"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  
alloy sealed QR front; Shimano Nexus 16T rear

HUBSET

RIMS Weinmann 59g, 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.*



CLEARANCE 14'4"

6 MINUTE  
RED LIGHT

SPEED  
LIMIT  
**25**

S.U.B. • 4.4 / 4.5



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 MX 170 with Shimano Acera derailleuer  
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 craftspeople.

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

ZEBRANO

# MT JAM

MT TAM'S BABY BROTHER

Get it you to the top and down again

SIZES	11.5" frame / 24" wheel
COLOR	Chrome
FRAME	TIG welded
FORK	RST 16 coil spring / elastomer guts
DRIVETRAIN	Gripshift MRX 170 with Shimano Tourney derailleurs
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 JAM →



shiny little beasts that rule.

## TYRO

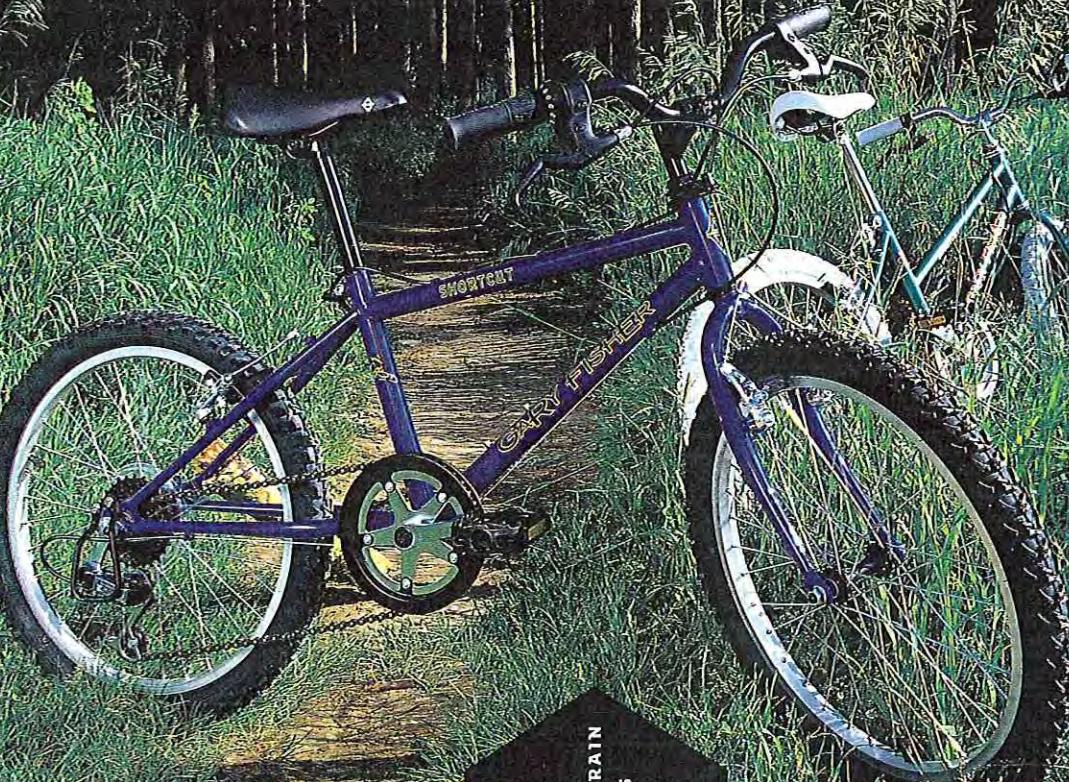
SIZES 11.5" frame / 24" wheel  
COLOR Black and Purple  
FRAME TIG welded  
DRIVETRAIN Gripshift MRX 170 with Shimano Tourney derailleur  
BRAKES Alloy cantilever  
RIMS Weinmann 519  
TIRES Blackwall knobby

### 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 TIPS

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

Red and Pink

TIG welded

Coaster

Chrome steel

Dinosaur tread

SIZES

COLOR

FRAME

BRAKES

RIMS

TIRES

### GARY'S TASTY TIDBITS

DINOSAUR  
TREAD TIRES—  
very cool indeed.

DINOSAUR  
GRAPHICS—  
complete the look.

DOWNSHILL-  
STYLE  
HANDLEBARS—  
get kids going in  
the right direction.



SIZES

COLOR

FRAME

BRAKES

RIMS

TIRES

compact frame / 16" wheel

Blue and Pink

TIG welded

Coaster

Chrome steel

Comp III

### GARY'S TASTY TIDBITS

PAD SET  
protect the little  
wee ones.

*Be the Lizard King or Queen.*

MUDPUPPY

\*measured with sag

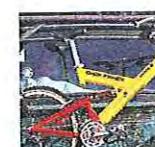
MODEL(S)														
EM/FA SIZE		KAITAI, TAIKAI												
SO	SUSPENSION SAG	SM	MD	LG	XL	XS	SM	MD	LG	XL				
STANDOVER [without sag]	(INCHES) (MM)	28.4 72.1	23.9 75.5	31.0 79.7	32.3 82.3	5 FRONT (KAITAI ONLY)	27.1 69.9	29.3 74.4	30.4 77.1	31.3 78.9	32.4 82.5			
EFFECTIVE TOB TUBE LENGTH	(INCHES) (MM)	21.8 53.7	22.4 56.0	23.0 56.4	23.5 56.9	12 FRONT	27.1 69.9	25.3 74.4	30.4 77.1	31.3 78.9	32.4 82.5			
STEM LENGTH	(INMM)	105 53.7	120 63.0	135 68.4	150 70.0	21.1 53.7	21.8 55.0	22.4 56.0	23.0 56.9	23.5 57.0	23.5 57.0			
STEM ANGLE	(DEGREES)	15	15	15	15	12 FRONT	27.1 69.9	25.3 74.4	30.4 77.1	31.3 78.9	32.4 82.5			
COCKPIT LENGTH [with standard stem]	(INCHES) (MM)	24.83 63.9	26.03 65.1	27.20 69.8	27.70 70.5	7	23.57 59.6	24.93 63.0	25.59 65.9	27.14 69.3	27.69 70.3			
MINCP	MINIMUM COCKPIT LENGTH [with shortest quick change stem]	24.26 61.2	24.69 63.2	25.49 64.7	25.59 66.0	23.65 60.1	24.35 61.9	24.93 63.2	25.52 64.8	26.07 66.2	23.57 59.6			
MAXCP	MAXIMUM COCKPIT LENGTH [with longest quick change stem]	25.97 65.9	27.17 69.1	27.20 69.8	27.70 70.5	24.83 63.0	26.11 66.3	27.28 69.2	27.87 70.7	28.42 71.8	24.71 62.7			
CRANK LENGTH	(INMM)	170 51.0	175 51.5	175 51.5	175 51.5	170 51.0	175 51.5	175 51.5	175 51.5	175 51.5	170 51.0			
HTL	HEAD TUBE LENGTH	(INCHES) (MM)	3.54 85	4.13 85	4.92 105	5.71 145	3.35 85	3.35 85	4.13 105	4.92 125	5.71 145	3.35 85		
HA	HEAD ANGLE*	(DEGREES)	71 71	71.5 71.5	71.5 71.5	71.5 71.5	70.27 71.2	70.77 71.2	71.27 71.2	71.27 71.2	71.27 71.2	70.27 71.2		
STA	SEAT TUBE ANGLE*	(DEGREES)	74 74	73.5 73.5	73.5 73.5	73.5 73.5	73.77 73.77	73.77 73.77	73.77 73.77	73.77 73.77	73.77 73.77	73.77 73.77		
CSL	CHAIN STAY LENGTH	(INCHES) (MM)	16.54 420	16.54 420	16.54 420	16.54 420	15.54 420	15.54 420	15.54 420	15.54 420	15.54 420	15.54 420		
BBH	BOTTOM BRACKET HEIGHT*	(INCHES) (MM)	11.40 269.5	11.60 284.6	11.60 284.6	11.60 284.6	11.37 288.7	11.57 293.8	11.67 295.4	11.67 296.4	11.67 296.4	11.37 288.7		
BBD	BOTTOM BRACKET DROP*	(INCHES) (MM)	12.0 34.2	15.0 38.1	15.0 38.1	15.0 38.1	17.0 43.3	15.8 40.3	14.3 36.3	14.3 36.3	14.3 36.3	17.0 43.3		
R	RAKE	(INCHES) (MM)	15 38.1											
T	TRAIL	(INCHES) (MM)	2.93 74.7	2.80 71.24	2.80 71.24	2.80 71.24	3.11 79.07	2.93 75.93	2.87 72.89	2.87 72.89	2.87 72.89	3.11 79.07		
WB	WHEELBASE*	(INCHES) (MM)	40.50 102.9	40.93 103.9	41.40 105.2	41.50 106.4	39.90 101.4	40.45 102.7	40.91 103.9	41.35 105.0	41.92 106.5	39.90 101.4		
CT	CENTER TO TOP	(INCHES) (MM)	15.51 334	17.48 444	19.02 493	20.98 533	12.93 350	17.35 441	18.50 470	19.72 501	21.22 539	12.93 350		
I	RECOMMENDED INSEAM RANGE	(INCHES) (minimum to maximum)	29.4 – 31.9 – 32.9 –	33.0 – 34.3 – 35.9 –	34.3 – 35.9 – 38.2 –	34.3 – 35.9 – 38.3 –	28.1 – 31.3 – 31.5 –	32.4 – 34.3 – 33.8 –	33.3 – 34.3 – 34.9 –	34.4 – 35.9 – 38.3 –	28.1 – 31.0 – 31.9 –	32.1 – 33.0 – 33.5 –	34.1 – 35.9 – 38.0 –	34.1 – 35.9 – 38.3 –

\*measured with sag

MODEL(S)													
EM/FA SIZE		WAHOO											
SO	SUSPENSION SAG	XS	SM	MD	LG	XL	SM-L	LG-L	XS	SM	MD	LG	XL
STANDOVER	(INCHES) (MM)	27.7 70.3	29.5 75.0	30.2 76.7	30.9 78.0	32.1 81.0	25.2 69.0	26.0 68.0	27.7 70.3	29.1 73.0	30.2 76.7	31.5 80.0	31.5 80.0
EFFECTIVE TOB TUBE LENGTH	(INCHES) (MM)	21.3 54.0	21.8 55.0	22.4 56.0	23.0 56.8	23.5 57.0	21.5 54.0	22.2 55.4	22.8 56.0	23.3 56.1	24.0 56.0	24.6 56.6	24.6 56.6
STEM LENGTH	(INMM)	90 102.9	90 103.9	105 105.2	123 106.4	115 106.5	90 105	105 105	120 105	105 105	120 105	135 105	150 105
STEM ANGLE	(DEGREES)	15	15	15	15	15	10	10	15	15	15	15	15
COCKPIT LENGTH [with standard stem]	(INCHES) (MM)	23.72 60.5	24.27 61.5	25.42 63.1	26.58 65.6	27.20 67.0	24.15 61.5	25.03 65.6	25.83 67.0	27.4 69.3	29.3 73.0	29.9 73.0	30.5 73.0
MINCP	MINIMUM COCKPIT LENGTH [with shortest quick change stem]	23.72 60.5	24.27 61.5	24.85 63.1	25.44 64.1	25.99 65.6	24.18 61.4	24.83 63.0	25.42 64.5	27.36 69.7	29.33 73.0	29.89 73.0	30.56 73.0
MAXCP	MAXIMUM COCKPIT LENGTH [with longest quick change stem]	24.86 63.5	25.41 64.5	26.55 67.4	27.15 70.3	27.70 70.3	24.86 63.5	25.55 67.4	27.75 70.8	27.35 71.8	28.22 72.8	28.82 73.8	29.42 74.2
CRANK LENGTH	(INMM)	170 38.1	175 38.1	175 38.1	175 38.1	175 38.1	170 38.1	175 38.1	175 38.1	175 38.1	175 38.1	170 38.1	175 38.1
HTL	HEAD TUBE LENGTH	(INCHES) (MM)	3.35 85	4.13 85	4.92 105	5.71 145	3.35 85	3.35 85	4.13 105	4.92 125	5.71 145	3.35 85	3.35 85
HA	HEAD ANGLE	(DEGREES)	71 71	71.5 71.5	71.5 71.5	71.5 71.5	72.5 73	73 73	73 73	73 73	73 73	71.77 71.77	71.77 71.77
STA	SEAT TUBE ANGLE	(DEGREES)	74.5 74	74 73.5	74.5 73.5	74.5 73.5	75 74	75 74	75 74	75 74	75 74	74.77 74.77	74.77 74.77
CSL	CHAIN STAY LENGTH	(INCHES) (MM)	16.54 420	16.54 420	16.54 420	16.54 420	15.54 420						
BBH	BOTTOM BRACKET HEIGHT*	(INCHES) (MM)	11.34 298.0	11.34 298.0	11.50 292.0	11.50 292.0	11.50 292.0	11.45 291.0	11.45 291.0	11.45 291.0	11.45 291.0	11.45 291.0	11.45 291.0
BBD	BOTTOM BRACKET DROP*	(INCHES) (MM)	1.77 45.0	1.77 45.0	1.81 47.0	1.81 47.0	1.81 47.0	1.65 43.5	1.65 43.5	1.65 43.5	1.65 43.5	1.65 43.5	1.65 43.5
R	RAKE	(INCHES) (MM)	1.5 38.1	1.5 38.1	1.5 38.1	1.5 38.1	1.77 45						
T	TRAIL	(INCHES) (MM)	2.93 74.37	2.93 71.24	2.80 71.24	2.80 71.24	2.20 59.92	2.08 59.92	2.08 59.92	2.37 60.32	2.37 60.32	2.26 59.30	2.26 59.30
WB	WHEELBASE	(INCHES) (MM)	39.92 101.4	40.35 102.9	40.83 103.7	41.25 104.8	41.65 105.3	41.19 105.9	41.19 105.9	40.28 100.3	40.79 100.3	41.18 105.1	41.77 105.1
CT	CENTER TO TOP	(INCHES) (MM)	14.45 36.7	15.97 43.1	18.19 48.2	20.54 53.2	19.45 49.3	19.45 49.3	15.51 39.4	17.48 44.4	19.02 49.3	20.98 53.3	14.45 36.7
I	RECOMMENDED INSEAM RANGE	(INCHES) (minimum to maximum)	28.7 – 31.6 – 32.2 –	32.3 – 32.9 – 33.1 –	32.1 – 32.7 – 33.1 –	32.0 – 28.0 – 32.0 –	28.7 – 31.1 – 32.2 –	32.2 – 32.2 – 35.1 –	28.4 – 31.3 – 31.9 –	31.9 – 31.9 – 35.1 –	31.9 – 31.9 – 35.1 –	32.8 – 32.8 – 35.7 –	32.8 – 32.8 – 35.7 –

# 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	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-temp 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, oil damped, 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 NOTREADSET sealed bearing	WTB OS Grease Guard Aheadset	TS DX2 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	Gripshift kralon	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 Ti, 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	XI rapidfire SL 8-speed	Gripshift ESP 700 8-speed	Shimano STX RC rapidfire 8-speed separable	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 IG60 11-30 8-speed	Shimano IG60 11-30 8-speed	Shimano IG50 11-30 7-speed	Shimano IG50 11-30 7-speed
CHAIN	Shimano IC90	Shimano IC90	Shimano IC91	KMC IC31	KMC IC31	KMC IC31
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 STX RC 8-speed	Shimano Alivio 7-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 21, welded and machined, 32 hole	Mavic 21, 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	metal cage w/ Fisher toeclip	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 kralon	Fisher Hex hi density foam	Gripshift kralon	Gripshift kralon	Gripshift kralon
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 slicks, 125gm	Fish sticks, 125gm	2 waterbottle bosses	2 waterbottle bosses
ANYTHING ELSE?	2 waterbottle bosses	2 waterbottle bosses	2 waterbottle bosses	2 waterbottle bosses	2 waterbottle bosses	2 waterbottle bosses
	Replaceable derailleur hanger	Replaceable derailleur hanger	Replaceable derailleur hanger	Replaceable derailleur hanger	Replaceable derailleur hanger	Replaceable derailleur hanger
	Anti Chain Suck Device	Anti Chain Suck Device	Anti Chain Suck Device	Anti Chain Suck Device	Anti Chain Suck Device	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 headset	TS STE OS Headset	TS STE OS Headset	Oversize sealed	Oversize sealed	Oversize sealed	Oversize sealed	HEADSET
Sugino Impel 700, hard anodized chainrings, 20 / 32 / 42	Sugino Impel 300	Sugino Impel 300	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 HG50 11-30 8-speed	Shimano HG50 11-30 8-speed	Shimano HG50 11-30 8-speed	Shimano HG50 11-30 7-speed	Shimano HG50 11-30 7-speed	Shimano HG50 11-30 7-speed	Shimano HG50 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 15 SS	15G SS	15G Plated	SPOKES
Mavic 22t, 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 560mm, 750gm	ATB alloy 560mm, 230gm	ATB alloy 560mm, 230gm	ATB alloy 560mm, 230gm	ATB alloy 560mm, 230gm	ATB steel 560mm	ATB steel 560mm	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	STEM			
Gripshift kralon	Gripshift kralon	Gripshift kralon	Gripshift kralon	Gripshift kralon	Gripshift kralon	Gripshift kralon	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	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 SCS	Shimano Alivio GS	Shimano Nexus internal	Shimano Acera GS
SHIFTER	Gripshift SRT 450IBS 7-speed	Gripshift SRT 400 7-speed	Shimano Nexus	Gripshift MXR 170 7-speed
CASSETTE	Shimano HG50 11-30 7-speed	Shimano HG50 11-30 7-speed		Shimano HG30 11-30 7-speed
CHAIN	KMC IG31	KMC IG31	KMC	KMC UG50
FRONT HUB	alloy sealed QR, OS	alloy sealed OR	alloy sealed QR	alloy sealed QR
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 kralon	Gripshift kralon	Gripshift kralon	Gripshift kralon
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	2 waterbottle bosses
			Smoke Chainguard	



# kid's SPECIFICATIONS

MT JAM	TYRO	SHORTCUT	MINNOSAURUS	MUDPUPPY	MODEL
Chrome	Black and Purple	Blue and 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 XRoO 28 / 38 / 48	SR XRoO 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	SRHG60 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
14G Plated	14G 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 kralon	Gripshift kralon	Gripshift kralon	Kralon mushroom-style	Kralon 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		3 piece pads, color matched	ANYTHING ELSE?
		double chainguard		training wheels	

