

1993  
**cannondale**



# Greetings —



*Photo by Melanie Err Barucci.*

1993 looks to be another exciting year at Cannondale. The next several months will see the introduction of many innovative new products: the ultra-efficient, ultra-light Super V ("vee") suspension mountain bike, a 17.5 lb. track bike, a lightweight off-road tandem and a new line of high-performance Team Issue cycling apparel. Details on these and other new products appear throughout the following pages.

We thank you for your continued support. With your help, we've come a long way from our beginnings in that loft above the pickle factory at the Cannondale train station. Our hand-built products are now exported to some 41 countries on five continents. We operate two manufacturing facilities in Pennsylvania, three R&D offices (including a "skunk works" in Ketchum, Idaho) and subsidiaries in Europe and Japan.

Yet we remain a small company at heart, clinging tenaciously to the beliefs that have fostered our growth through more than 20 years. These qualities are perhaps best articulated in our corporate philosophy:

## THE CANNONDALE PHILOSOPHY

Our PASSION is to be the best bicycling company in the world. We will succeed because:

1. We care about our customers, vendors and each other.
2. We produce a stream of innovative products.
3. We devise flexible manufacturing processes that enable us to deliver those differentiated products to the market quickly.
4. We limit our distribution to the best bicycle retailers in the world.
5. We continuously improve everything.
6. We concentrate on detail, because the last 5% is often the difference between success and failure.
7. We govern our every deed by what is just and right.

*Again, thank you for your support. Best wishes for wonderful cycling in 1993.*

*Sincerely,*

*Joseph S. Montgomery  
Founder and President*

*Discovering gold at 8000 feet. Aspens and birches at Bonanza Flats  
outside of Park City, Utah. Photo by Neal Palumbo.*



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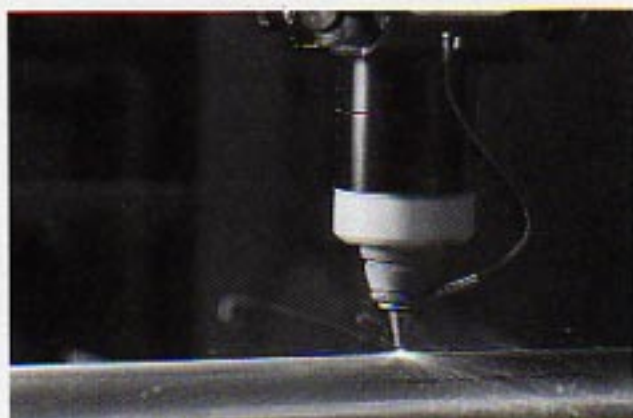
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# CANNONDALE HAND-BUILT BICYCLE



Cannondale frames deliver maximum performance through superior innovation. We define innovation as the incorporation of insightful, performance-enhancing elements into bicycle frame design. From the obvious — like the unique configuration of our Super V™ frame — to the subtle — like the grams of weight shaved from Cannondale frames with our CAD system — performance dictates design: not price, not ease of manufacturing, not aesthetic convention.



*The same passionate devotion to innovation also drives the production of every Cannondale frame. We use state-of-the-art manufacturing technology to ensure the quality of production matches the quality of design. Pictured above: A computer-guided laser cuts aluminum tubing to incredibly precise tolerances.*



We use flex-resistant, large diameter 6061-T6 aluminum tubes because they deliver more pedaling energy to the rear wheel for faster sprints, more aggressive climbing, and unequalled efficiency. After cutting, tubes are TIG-welded by hand then heat treated to maximum strength and true uni-body construction. Clogless, TIG-welded/heat treated production process is difficult, time consuming and expensive, but it results in a vastly superior frame.

# PERFORMANCE THROUGH INNOVATION



...t treating, each weld is carefully

...a sleek, seamless look. Sanding is

...many operations we do by hand to

...maximum quality. In fact, over the

...course of its production, every

...cannondale frame comes into contact with some

...of human hands.



Sanded frames are cleaned and hand-painted, then decals and clear coat are applied. We build our frames into complete bicycles with the latest, lightest and hottest components; not just Shimano and SunTour parts, but everything from Control Tech and WheelSmith to Profile and Continental. Finally, completed bicycles are packaged and shipped to progressive, service-oriented bike shops around the world — our network of Authorized Cannondale Retailers.



*Every Cannondale bicycle frame is made in our*

*U.S. factory, a fact that translates into yet*

*another advantage for every Cannondale owner.*

*With our own American factory, we're able to*

*bring innovative new models to market faster and*

*with greater control than companies sourcing*

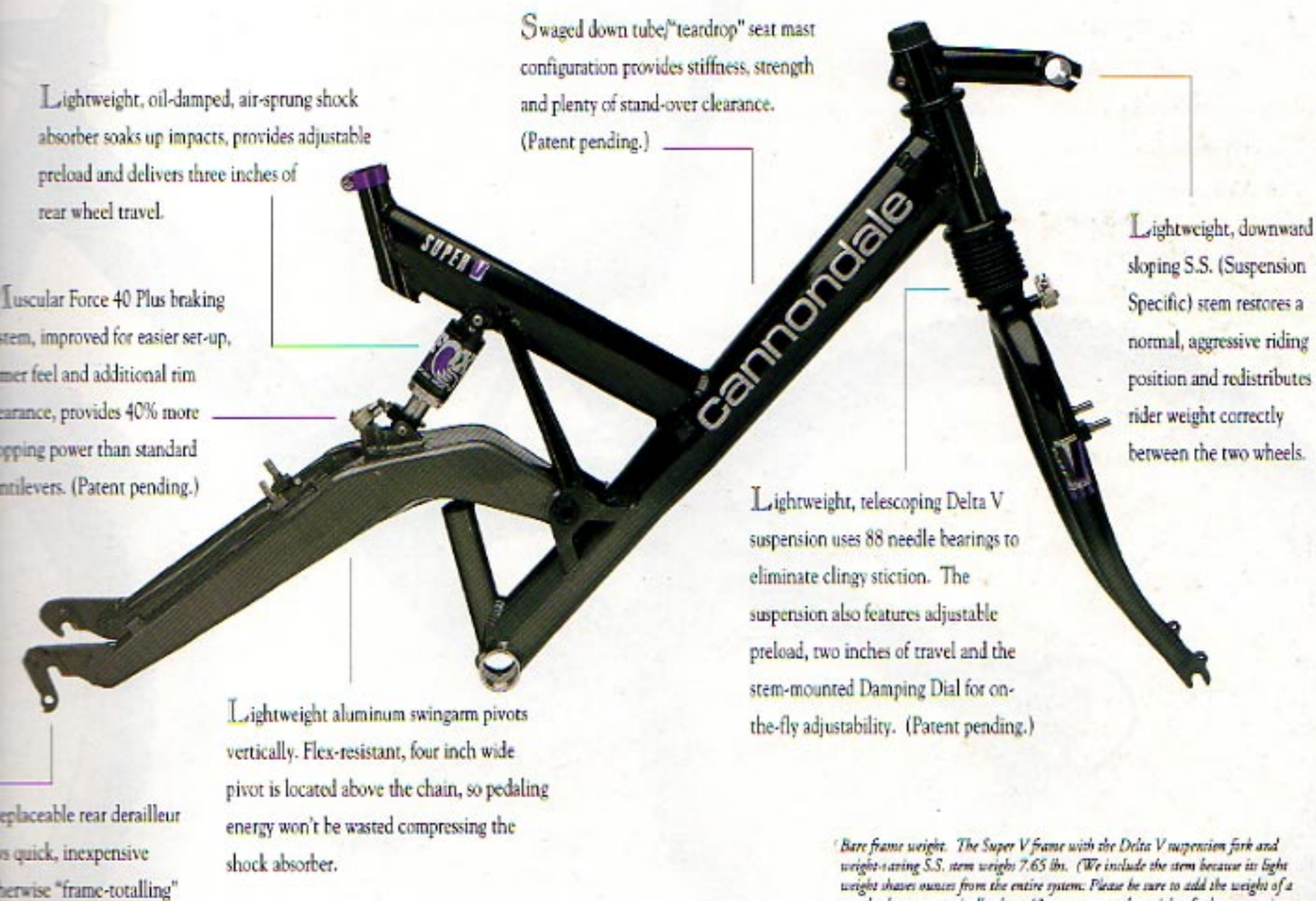
*their production out to Far Eastern factories.*



# SUPER V FULL SUSPENSION MOUNTAIN BICYCLE

At just 4.4 lbs.<sup>1</sup>, our Super V™ ("vee") boldly goes where no suspension frame has gone before: Its combination of low weight, flex-resistant efficiency and suspension-specific design are unmatched by any other frame. The Super V's mega-large, ultra-rigid down tube provides a solid, predictable feel while channeling every ounce of pedaling energy into explosive acceleration and scorching top speeds. Sculpted from 6061-T6 aluminum, the frame's unique configuration features unmatched stand-over clearance while its head angle and S.S. (Suspension Specific) stem address the geometry changes common to all suspension bikes.

The TIG-welded/heat treated Super V comes with our race-proven Delta V suspension fork in front and an air-sprung, oil-damped shock absorber system in back that provides a whopping three inches of rear wheel travel. Together, the front and rear suspensions take the beating out of the gnarliest trails, replacing it with improved handling, warp-drive speeds and a less abusive ride.



<sup>1</sup> Bare frame weight. The Super V frame with the Delta V suspension fork and weight-saving S.S. stem weighs 7.65 lbs. (We include the stem because its light weight shaves ounces from the entire system. Please be sure to add the weight of a standard stem — typically about 13 ounces — to the weight of other suspension frames for an accurate comparison with the Super V.)

<sup>2</sup> #5,020,819.

Cannondale design engineer Mario Galasso aboard one of the first Super V frames. Photo by Steven C. Wyness.

# SUPER V 3000

SUPER V FULL SUSPENSION MOUNTAIN BICYCLE

Cannondale Super V full suspension frame with Force 40 Plus braking system Ⓢ Shimano XTR with Rapidfire Plus Ⓢ Mavic PSP 231 Argent rims with Wheelsmith double-buttet spokes Ⓢ CODA Competition handlebars with XYZ bar ends Ⓢ Deore XT clipless pedals Ⓢ Titanium-railed Flite saddle with Control Tech Control Post





## SUSPENDED VS. NON-SUSPENDED MOUNTAIN BIKES

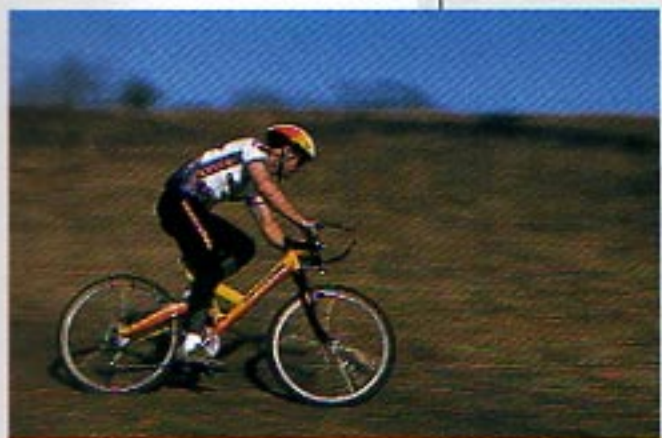
Just about everyone understands that a mountain bike suspension system will cushion your ride as you hammer down a trail. But the real benefits of a legitimate, functional suspension system are far more substantial than a comfortable ride.

The key to suspension's benefits involves maintaining tire contact with the ground. Your ability to brake, to turn, and to accelerate are all a function of keeping your tires in the dirt. Think about powering

through a downhill turn with a washboard surface on a non-suspended bike: Brake going into the turn, and your wheels will lock up the moment they bounce up off the trail. When they come back down, you'll immediately go into a skid.

With your wheels chattering above the trail, you'll never hold your line through the curve. Your centrifugal force will carry you steadily to the outer edge of the turn. Possibly beyond. Pound on the pedals out of the turn, and you'll spin-out each time your rear wheel pops off the ground. Pedaling energy is wasted, and your smooth, efficient stroke is gone.

A well-designed suspension system improves control and acceleration by keeping your tires on the trail. With better control and acceleration, you go faster. It's really that simple. But let the buyer beware; there are all kinds of suspension systems available, and some inevitably work better than others. If at all possible, we recommend test riding as many different suspension systems as possible (including, of course, our own) before buying.



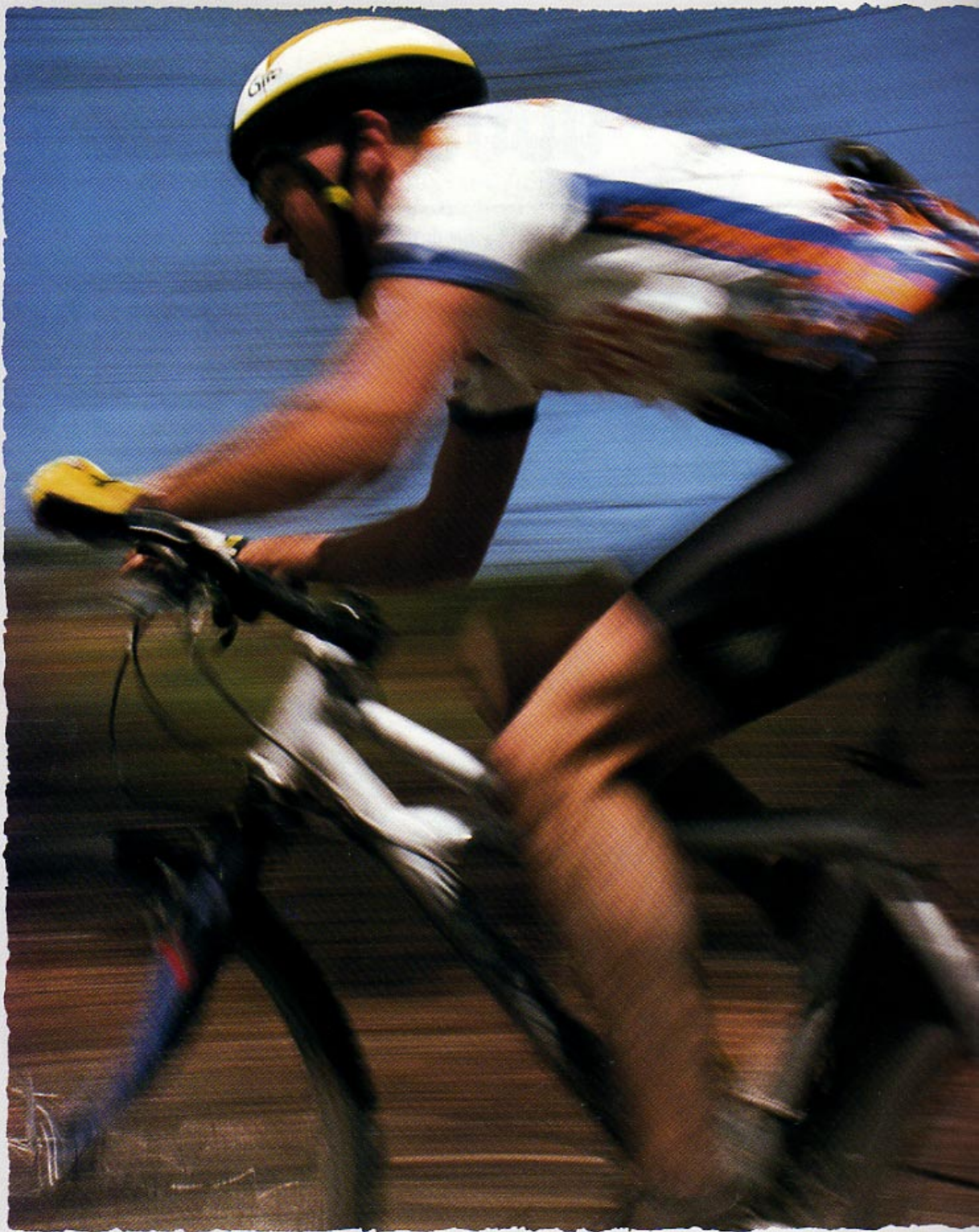
### COMPONENT SPECIFICATIONS

Frame	Cannondale Super V Full Suspension
Fork	Cannondale Delta V Suspension
Rims	Mavic PSP 231 Argent, 32 hole rear, 28 hole front
Hubs	Shimano XTR
Spokes	WheelSmith, stainless steel, double-butted
Tires	Smoke Compe 2.1" rear, Smoke Dart 2.1" front, both with Kevlar bead
Pedals	Shimano Doree XT SPD, PD-M737
Crank	Shimano XTR, 26/36/46
Chain	Shimano Hyperglide
Freewheel	Shimano XTR Hyperglide, 8 spd cassette, 12/32
Bottom Bracket	Shimano XTR
Front Derailleur	Shimano XTR
Rear Derailleur	Shimano XTR
Shifters	Shimano XTR, Rapidfire Plus
Handlebars	CODA Competition, 2017 aluminum, 140 g
Stem	Cannondale TIG-welded S.S. stem
Headset	Cannondale cartridge sealed bearing, custom anodized
Brakeset	Shimano XTR with Force 40 Plus routing
Saddle	Flite, titanium rails
Seatpost	Control Tech Control Post
Seatpost QR	CODA Slim-Cam, custom anodized
Extras	CODA XYZ bar ends
Colors (codes)	Black fuz-fade to Gunmetal metallic w/Gunmetal metallic swingarm (EGM)
Sizes	17, 19, 21
Weight	25.5 lbs

### SUPER V FRAME GEOMETRY

Size (in.)	17	19	21
Seat Tube Angle (degrees)	74.00	74.00	74.00
Head Tube Angle (degrees)	70.00	70.00	70.00
Effective Top Tube Length (in.)	22.25	23.25	24.25
Chainstay Length (in.)	16.75	16.75	16.75
Fork Rake (in.)	1.75	1.75	1.75
Bottom Bracket Height (in.)	11.62	11.62	11.62
Wheelbase (in.)	42.95	43.95	44.95
Trail (in.)	2.87	2.87	2.87

In addition to complete bicycles, we also offer Cannondale framesets. Contact your authorized Cannondale retailer about custom-building your own Cannondale, or upgrading your existing components to a superior frame.



# DELTA V SUSPENSION MOUNTAIN BICYCLES

Our lightweight<sup>1</sup> Delta V™ models feature our acclaimed Delta V front suspension and, on selected models, our race-proven rear suspension. Both spring-supported, oil-damped suspension systems deliver two inches of wheel travel, and both are integrated into the design of the Delta V frame: Neither is a “bolt-on” addition that will compromise the bicycle's handling.

All Delta V models are constructed from efficient, large-diameter aluminum tubing, and feature beefy aluminum Pepperoni fork blades, the revamped Force 40 Plus braking system and our patented<sup>2</sup> replaceable derailleur hanger.

Lightweight, sloping S.S. (Suspension Specific) stem restores a normal, aggressive riding position and redistributes rider weight correctly between the two wheels.

Unique top tube configuration provides plenty of stand-over clearance while increasing the frame's strength and rigidity.

Head angle is engineered to account for the elevated front end and the fork's travel.

Telescoping Delta V suspension uses 88 needle bearings to eliminate clingy stiction, and features adjustable preload, two inches of travel and our stem-mounted Damping Dial for on-the-fly adjustability. (Patent pending.)

<sup>1</sup>6.45 lbs. bare frame weight (full suspension frame). The Delta V full suspension frame with the Delta V suspension fork and weight-saving S.S. stem weighs 9.70 lbs. The Delta V frame with front suspension/rigid rear triangle, Delta V suspension fork and S.S. stem weighs 7.25 lbs. (We include the stem because its light weight shaves ounces from the entire system. Please be sure to add the weight of a standard stem — typically about 13 ounces — to the weight of other suspension frames for an accurate comparison with the Delta V.)

<sup>2</sup>#5,020,819.

Cannondale graphic designer and Sport Class debutante Dave Cote tearing it up at the Jack Rabbit Run in Norwalk, Connecticut. Photo by Jeff Vibert.

# DELTA V 2000

DELTA V SUSPENSION MOUNTAIN BICYCLES

Cannondale Delta V full suspension frameset with Force 40 Plus braking system ⌘ Mavic PSP231 Argent rims with Wheelsmith double-butted spokes ⌘ CODA custom anodized Competition handlebars and XYZ bar ends ⌘ Lightweight, top-mount Deore XT shifters with friction option – the choice of hard-core riders



# THE DELTA V FRONT SUSPENSION SYSTEM

"If you want one of the best forks on the market, here it is...an ingenious front fork system..."

— Mountain Bike Action

The Delta V's... "active front suspension responds to a wider range of input than any fork I've ever tested... It was incredibly smooth on everything from slightly undulating towpaths to severely rocky singletrack."

— Bicycling Magazine

"Floating down a particularly nasty little trail by our offices, we could ignore formerly kidney-rattling braking bumps and float over jagged rock sections."

— Mountain Biking Magazine

The widely acclaimed Delta V front suspension system features inner and outer steerer tubes that telescope to provide two inches of front wheel travel. Controlling the movement of the inner steerer tube as it slides within the outer tube is an air-sprung, oil-damped shock absorber.

The shock absorber's Schroeder valve-controlled air spring soaks up shocks and has adjustable preload to keep the suspension extended between impacts. Damping is provided by a valved piston moving through an oil-filled cylinder. The valves in the piston — and thus the system's damping characteristics — are adjustable via the stem-mounted Damping Dial, and can be set anywhere from hyper-sensitive to just shy of total lock-out.

Between the inner and outer steerer tubes, 88 needle bearings replace the stiction-inducing, cuff-like bushings found on most other suspension systems. Stiction, the "static friction" that creates a strong initial resistance to activating, is all but eliminated in the Delta V as the inner steerer tube rolls smoothly and easily on the needle bearings. Completing the Delta V front suspension are beefy, flex-resistant Pepperoni aluminum fork blades.

## COMPONENT SPECIFICATIONS

Frame	Cannondale Delta V Full Suspension
Fork	Cannondale Delta V Suspension
Rims	Mavic PSP231 Argent, 32 hole rear, 28 hole front
Hubs	Shimano Deore XT
Spokes	Wheelsmith, stainless steel, double-butted
Tires	Smoke Compé 2.1" rear, Smoke Dart 2.1" front, both w/Kevlar bead
Pedals	Shimano Deore XT Competition
Crank	Ritchey Logic, 24/36/46, w/Supershift rings
Chain	Shimano Hyperglide
Freewheel	Shimano Deore XT Hyperglide 7-spd cassette, 13-30
Bottom Bracket	Shimano Deore XT
Front Derailleur	Shimano Deore XT, bottom pull
Rear Derailleur	Shimano Deore XT
Shifters	Shimano Deore XT, top-mount competition shifters
Handlebars	CODA Competition bar, 2017 aluminum, 140 g
Stem	Cannondale TIG-welded S.S. stem
Headset	Cannondale cartridge sealed bearing, custom anodized
Brakeset	CODA, custom anodized w/Artec pads and Force 40 Plus routing, Shimano Deore XT two-finger levers
Saddle	Vetta SL Racing, CR-MO rails, leather cover
Seatpost	Ritchey Force Directional
Seatpost QR	CODA Slim-Cam, custom anodized
Extras	CODA XYZ bar ends, Ritchey rim tape, CODA Torpedo grips
Colors (codes)	Deep Indigo w/Rocket Silver swingarm (IND)
Sizes	17, 19, 21
Weight	27.5 lbs.

## DELTA V FRAME GEOMETRY

V2000, V1500, V1000, V700

Size (in.)	15 <sup>1</sup>	17	19	21
Seat Tube Angle (degrees)	73.50	73.50	73.50	73.50
Head Tube Angle (degrees)	70.00	70.00	70.00	70.00
Effective Top Tube Length (in.)	21.0	22.25	23.25	24.25
Chainstay Length (in.)	16.75	16.75	16.75	16.75
Fork Rake (in.)	1.75	1.75	1.75	1.75
Bottom Bracket Height (in.)	11.62	11.62	11.62	11.62
Wheelbase (in.)	40.10	42.00	43.16	44.34
Trail (in.)	2.87	2.87	2.87	2.87
Ground to Top of Top Tube (in.) <sup>2</sup>	26.60	28.60	28.60	28.60

<sup>1</sup>Not available on full suspension models.

<sup>2</sup>At lowest point.

In addition to complete bicycles, we also offer Cannondale framesets. Contact your authorized Cannondale retailer about custom-building your own Cannondale, or upgrading your existing components to a superior frame.



Photo by Jeff Vibert.



# DELTA V 1500

DELTA V SUSPENSION MOUNTAIN BICYCLES

Cannondale Delta V front suspension frameset • Mavic PSP231 Argent rims with Wheelsmith double-buttet spokes • CODA custom anodized Competition handlebars and XYZ bar ends • Lightweight, top-mount Deore XT shifters with friction option – the choice of hard-core riders • CODA custom anodized brakes with Aztec pads and Force 40 Plus braking system • New Smoke Dart front and Smoke Compe rear tires

## COMPONENT SPECIFICATIONS

Frame	Cannondale Delta V w/3.0 rear triangle
Fork	Cannondale Delta V Suspension
Rims	Mavic PSP231 Argent, 32 hole rear, 28
Hubs	Shimano Deore XT
Spokes	Wheelsmith, stainless steel, double-butted
Tires	Smoke Compe 2.1" rear, Smoke Dart 2.1" w/Kevlar bead
Pedals	Shimano Deore XT Competition
Crank	Ritchey Logic, 24/36/46, w/Supershift
Chain	Shimano Deore XT Hyperglide
Freewheel	Shimano Deore XT Hyperglide 7-spd
Bottom Bracket	Shimano Deore XT
Front Derailleur	Shimano Deore XT, bottom pull
Rear Derailleur	Shimano Deore XT
Shifters	Shimano Deore XT, top-mount competition
Handlebars	CODA Competition bar, 2017 aluminum
Stem	Cannondale TIG-welded S.S. stem
Headset	Cannondale cartridge sealed bearing, custom
Brakeset	CODA custom anodized w/Aztec pads and Force 40 Plus routing, Shimano Deore XT two-piston
Saddle	Vetta SL Racing, CR-MO rails, leather
Seatpost	Ritchey Force Directional
Seatpost QR	CODA Slim-Cam, custom anodized
Extras	CODA XYZ bar ends, Ritchey rim tape, CODA Torpedo grips
Colors (codes)	Bonzai Blue fit-fade to Diamond Black
Sizes	15, 17, 19, 21
Weight	26.0 lbs.



# DELTA V 1000

DELTA V SUSPENSION MOUNTAIN BICYCLES

Cannondale Delta V full suspension frameset with Force 40 Plus braking system • CODA custom anodized brakes with Aztec pads • CODA custom anodized Competition handlebars and XYZ bar ends • SunTour XC Comp 8-spd MicroDrive with lightweight, top-mount shifters with friction option – the choice of hard-core riders • New Smoke Dart front and Smoke Compe rear tires

## COMPONENT SPECIFICATIONS

Frame	Cannondale Delta V Full Suspension
Fork	Cannondale Delta V Suspension
Rims	Ritchey Vantage Comp, silver anodized, 32 hole rear, 28 hole front
Hubs	SunTour XC Comp
Spokes	DT Swiss, stainless steel
Tires	Smoke Compe 2.1" rear, Smoke Dart 2.1" front, both w/Kevlar bead
Pedals	SR Low Fat Comp, all alloy
Crank	SunTour XC Comp MD, 20/32/42
Chain	SunTour Accushift Plus II
Freewheel	SunTour Accushift Plus II MD, 11-28, 8-spd
Bottom Bracket	SunTour XC Comp, cartridge type
Front Derailleur	SunTour XC Comp MD
Rear Derailleur	SunTour XC Comp MD
Shifters	SunTour Multimount competition thumbshifters
Handlebars	CODA Competition bar, 2017 aluminum, 140g
Stem	Cannondale TIG-welded S.S. stem
Headset	Cannondale cartridge sealed bearing, custom anodized
Brakeset	CODA custom anodized w/Aztec pads and Force 40 Plus routing, Shimano Deore DX two-finger levers
Saddle	Vetra SL Racing, CR-MO rails, leather cover
Seatpost	Ritchey Force Directional
Seatpost QR	CODA Slim-Cam, custom anodized
Extras	CODA XYZ bar ends, Ritchey rim tape, CODA Torpedo grips
Colors (codes)	Gunmetal frame and fork w/Diamond Black metallic swingarm (CHT)
Sizes	17, 19, 21
Weight	27.0 lbs.



# DELTA V 700

DELTA V SUSPENSION MOUNTAIN BICYCLES

Cannondale Delta V front suspension frameset ∞ CODA custom anodized brakes with Aztec pads and Force 40 Plus braking system ∞ Ritchey Vantage Comp rims with new Smoke Dart front and Smoke rear tires ∞ Lightweight, top-mount Deore shifters with friction option – the choice of hard-core riders ∞ New Deore LX 7-spd Hyperglide drivetrain ∞ Tioga Surefoot VI pedals with alloy body and cage ∞ CODA custom anodized Slim-Cam seat binder

COMPONENT SPECIFICATIONS	
Frame	Cannondale Delta V w/3.0 rear triangle
Fork	Cannondale Delta V Suspension
Rims	Ritchey Vantage Comp, silver anodized, 32 hole rear, 28 hole front
Hubs	Shimano New Deore LX
Spokes	DT Swiss, stainless steel
Tires	Smoke 2.1" rear, Smoke Dart 2.1" front
Pedals	Tioga Surefoot VI, alloy body and cage
Crank	Shimano New Deore LX, 26/36/46
Chain	Shimano Hyperglide
Freewheel	Shimano New Deore LX, 13-30, 7-spd
Bottom Bracket	Shimano New Deore LX
Front Derailleur	Shimano New Deore LX, bottom pull
Rear Derailleur	Shimano New Deore LX
Shifters	Shimano Deore top-mount competition shifters
Handlebars	CODA Competition bar, 2017 aluminum, 140g
Stem	Cannondale TIG-welded S.S. stem
Headset	Cannondale cartridge sealed bearing, custom anodized
Brakeset	CODA custom anodized w/Aztec pads and Force 40 Plus routing, Shimano Deore two-finger lever
Saddle	Vetta SL
Seatpost	Kalloy, aluminum w/titanium finish
Seatpost QR	CODA Slim-Cam, custom anodized
Extras	CODA Torpedo grips, Ritchey rim tape
Colors (codes)	Deep Indigo fade to Bonzai Blue w/Deep Indigo fork (BLU), Formula Red w/black fork (RED)
Sizes	15, 17, 19, 21
Weight	27.0 lbs.



Deep Indigo fade to Bonzai Blue  
w/Deep Indigo fork (BLU)







*Team Cannondale Pro rider Trent Davis at the Hunter Mountain stage of the NORBA Championship Series. The three-day event was memorable for muddy conditions and a downhill competition not for the faint of heart. Photo by Jeff Vibert.*



# 3.0 SERIES MOUNTAIN BICYCLES

Our 3.0 Series Mountain Bicycles are named for the three key attributes of their 3.0 Series mountain frame — light (3.6 lbs.<sup>1</sup>) weight, vibration-damping comfort and efficient, responsive performance. For 1993, we're offering four 3.0 Series models with a high-performance geometry designed for flat-out, high-speed stability. For cyclists who prefer more technical riding, we offer the M800 with our nimble, high bottom bracket/sloping top tube "Beast of the East" geometry.

Butted seat tube provides extra strength near the top tube and accommodates standard seatposts, but has a weight-saving thinner wall throughout the rest of its length.

Vibration-damping, all-aluminum Pepperoni™ fork weighs just 1.4 lbs. and features an oversize, 1.25" aluminum steerer tube.

Flex-resistant, large-diameter 6061-T6 aluminum tubing delivers more pedaling energy to the rear wheel for explosive sprinting, faster climbing and confident handling.

Slim, Mudcutter™ chainstays inhibit mud build-up and provide maximum tire clearance.

<sup>1</sup>18" bare frame weight.  
<sup>2</sup>Not featured on the M500.  
<sup>3</sup>#5,020,819.

*A determined Kirsten Begg on her way to an Expert class victory at the Jack Rabbit Run. Kirsten manages our rider sponsorship program and coordinates the production of Cannondale's foreign language catalogs from our Georgetown, Connecticut, headquarters. Photo by Jeff Vibert.*

Discular Force 40 Plus braking system,  
designed for easier set-up, firmer feel and  
additional clearance, provides 40% more  
braking power than standard cantilevers.  
(Patent pending.)

Lightweight cantilever dropout  
features our patented<sup>3</sup>, replaceable  
derailleur hanger for quick,  
cost-effective repairs of otherwise  
"time-totalling" damage.



# HOW DO YOU DEFINE THE PHRASE: "U.S. BICYCLE MAKER?"



The next time you see a bicycle with a "Designed in the U.S.A." or "Designed and Tested in the U.S.A." decal, check to see where it was manufactured. Chances are it was made in Taiwan or China.

Of the many brand name bikes sold in America, most are manufactured in three or four huge Far Eastern bicycle factories. Which isn't to say that all of these bikes are of poor quality; only that the impression of a U.S. pedigree given by their decals is misleading. Every Cannondale bicycle is handmade by Cannondale, at our Bedford, Pennsylvania, factory. Our labels say as much. We're proud of this fact, not because we're chauvinistic, but because we've successfully bucked the idea that it's impossible to manufacture a high-tech, state-of-the-art product here in the U.S.

With creativity and commitment, other manufacturers could enjoy considerable success with domestic production. In all likelihood, they'd discover some of the benefits that we enjoy as an American manufacturer: We can develop and introduce new products faster than our off-shore competition. We can more easily monitor quality control. We can respond more quickly to changes in the market. And finally, and perhaps most importantly, we can respect our customers by labeling our products with honesty and integrity.

## 3.0 SERIES MOUNTAIN FRAME GEOMETRY

M2000, M1000, M700, M500						M800		
Size (in.)	14	16	18	20	22	18	20	22
Seat Tube Angle (degrees)	73.50	73.50	73.50	73.50	73.50	72.00	72.00	72.00
Head Tube Angle (degrees)	71.00	71.00	71.00	71.00	71.00	71.00	71.00	71.00
Top Tube Length (in.)	20.75	21.50	22.50	23.25	24.25	22.50	23.25	24.25
Chainstay Length (in.)	16.90	16.90	16.90	16.90	16.90	16.90	16.90	16.90
Fork Rake (in.)	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75
Bottom Bracket Height (in.)	11.63	11.63	11.63	11.63	11.63	13.00	13.00	13.00
Wheelbase (in.)	39.90	40.94	41.94	42.94	43.94	42.14	42.74	43.94
Trail (in.)	2.62	2.62	2.62	2.62	2.62	2.62	2.62	2.62
Ground to Top of Top Tube (in.) <sup>1</sup>	25.62	28.00	29.75	31.30	33.25	29.25	31.10	32.90

<sup>1</sup>At middle of tube length.

In addition to complete bicycles, we also offer Cannondale framesets. Contact your authorized Cannondale retailer about custom-building your own Cannondale, or upgrading your existing components to a superior frame.

# M2000

## 3.0 SERIES MOUNTAIN BICYCLES

Cannondale 3.0 Series Mountain frameset with Pepperoni fork ∞ CODA custom anodized brakes with Aztec pads and For 40 Plus braking system ∞ CODA custom anodized Competition handlebars and XYZ bar ends ∞ Lightweight, top-mount Deor XT shifters with friction option – the choice of hard-core riders Super-lightweight TIG-welded aluminum Control Stem. Made USA ∞ Mavic PSP231 Argent rims with DT Swiss spokes





# M1000

3.0 SERIES MOUNTAIN BICYCLES

Cannondale 3.0 Series mountain frameset with Pepperoni fork ☉ CODA custom anodized brakes with Aztec pads and Force 40 Plus braking system ☉ CODA custom anodized Competition handlebars and XYZ bar ends ☉ SunTour XC Comp 8-spd MicroDrive with lightweight, top-mount shifters with friction option – the choice of hard-core riders



## M2000 COMPONENT SPECIFICATIONS

Frame	Cannondale 3.0 Series Mountain
Fork	Cannondale Pepperoni, all-aluminum
Rims	Mavic PSP231 Argent, 32 hole
Hubs	Shimano Deore XT
Spokes	DT Swiss, stainless steel
Tires	Ritchey Z-Max 2.1" w/Kevlar bead
Pedals	Shimano Deore XT Competition
Crank	Ritchey Logic, 24/36/46, w/Supershift rings
Chain	Shimano Deore XT Hyperglide
Freewheel	Shimano Deore XT Hyperglide 7-spd cassette, 13-30
Bottom Bracket	Shimano Deore XT
Front Derailleur	Shimano Deore XT, bottom pull
Rear Derailleur	Shimano Deore XT
Shifters	Shimano Deore XT, top-mount competition shifters
Handlebars	CODA Competition bar, 2014 aluminum, 140 g
Stem	Control Stem, TIG-welded aluminum
Headset	Ritchey Logic Expert
Brakeset	CODA, custom anodized w/Aztec pads and Force 40 Plus routing, Shimano Deore XT two-finger levers
Saddle	Vetta SL Racing, CR-MO rails, leather cover
Seatpost	Ritchey Force Directional
Seatpost QR	CODA Slim-Cam, custom anodized
Extras	CODA XYZ bar ends, Ritchey rim tape, CODA Torpedo grips
Colors (codes)	Deep Indigo fade to Bimini Blue (IBF)
Sizes	14, 16, 18, 20, 22
Weight	24.5 lbs.

## M1000 COMPONENT SPECIFICATIONS

Frame	Cannondale 3.0 Series Mountain
Fork	Cannondale Pepperoni, all-aluminum
Rims	Ritchey Vantage Comp, silver anodized, 32 hole
Hubs	SunTour XC Comp
Spokes	DT Swiss, stainless steel
Tires	Ritchey Z-Max 2.1" w/Kevlar bead
Pedals	SR Low Fat Comp, all alloy
Crank	SunTour XC Comp MD, 20/32/42
Chain	SunTour Accushift Plus II
Freewheel	SunTour Accushift Plus II MD, 11-28, 8-spd
Bottom Bracket	SunTour XC Comp, cartridge type
Front Derailleur	SunTour XC Comp MD
Rear Derailleur	SunTour XC Comp MD
Shifters	SunTour Multimount competition thumbshifters
Handlebars	Tioga DL 2000 Black Anodized
Stem	TIG-welded, aluminum
Headset	Ritchey Logic Expert
Brakeset	CODA custom anodized w/Aztec pads and Force 40 Plus routing, Shimano Deore two-finger levers
Saddle	Vetta SL Racing, CR-MO rails, leather cover
Seatpost	Ritchey Force Directional
Seatpost QR	CODA Slim-Cam, custom anodized
Extras	CODA XYZ bar ends, Ritchey rim tape, CODA Torpedo grips
Colors (codes)	Bonzei Blue firo-fade to Diamond Black metallic (EBB), Gunmetal metallic (GRY)
Sizes	14, 16, 18, 20, 22
Weight	23.75 lbs.

# M800

3.0 SERIES MOUNTAIN BICYCLES

Cannondale "Beast of the East" 3.0 Series mountain frame with Pepperoni fork • CODA custom anodized brakes with Aztec pads and Force 40 Plus braking system • Ritchey Vantage Comp rims with new Smoke Dart front and Smoke rear tires • Lightweight, top-mount Deore shifters with friction option – the choice of hard-core riders • New Deore LX 7-spd Hyperglide drivetrain • Tioga Surefoot VI pedals with alloy body and cage • CODA custom anodized Slim-Cam seat binder

COMPONENT SPECIFICATIONS	
Frame	Cannondale "Beast of the East" 3.0 Series Mountain
Fork	Cannondale Pepperoni, all-aluminum
Rims	Ritchey Vantage Comp, silver anodized, 32 hole
Hubs	Shimano New Deore LX
Spokes	DT Swiss, stainless steel
Tires	Smoke 2.1" rear, Smoke Dart 2.1" front
Pedals	Tioga Surefoot VI, alloy body and cage
Crank	Shimano New Deore LX, 26/36/46
Chain	Shimano Hyperglide
Freewheel	Shimano New Deore LX, 13-30, 7-spd
Bottom Bracket	Shimano New Deore LX
Front Derailleur	Shimano New Deore LX, bottom pull
Rear Derailleur	Shimano New Deore LX
Shifters	Shimano Deore top-mount competition shifters
Handlebars	Aluminum alloy
Stem	TIG-welded CR-MO w/titanium finish
Headset	Tango-Seiki FOV-ST
Brakeset	CODA custom anodized w/Aztec pads and Force 40 Plus routing, Shimano Deore two-finger levers
Saddle	Vetta SL
Seatpost	Kalloy, aluminum w/titanium finish
Seatpost QR	CODA Slim-Cam, custom anodized
Extras	CODA Torpedo grips, Ritchey rim tape
Colors (codes)	Deep Indigo (IND), Formula Red (RED)
Sizes	18, 20, 22
Weight	25.5 lbs.



Deep Indigo (IND)



# M700

## 3.0 SERIES MOUNTAIN BICYCLES

Cannondale 3.0 Series mountain frame with Pepperoni fork

• CODA custom anodized brakes with Aztec pads and Force 40 Plus braking system • Ritchey Vantage Comp rims with Ritchey Z-Max 2.1" tires • Lightweight, top-mount Deore shifters with friction option – the choice of hard-core riders • New Deore LX 7-spd Hyperglide drivetrain • Tioga Surefoot VI pedals with alloy body and cage • CODA custom anodized Slim-Cam seat binder

### COMPONENT SPECIFICATIONS

Frame	Cannondale 3.0 Series Mountain
Fork	Cannondale Pepperoni, all-aluminum
Rims	Ritchey Vantage Comp, silver anodized, 32 hole
Hubs	Shimano New Deore LX
Spokes	DT Swiss, stainless steel
Tires	Ritchey Z-Max 2.1"
Pedals	Tioga Surefoot VI, alloy body and cage
Crank	Shimano New Deore LX, 26/36/46
Chain	Shimano Hyperglide
Freewheel	Shimano New Deore LX, 13-30, 7-spd
Bottom Bracket	Shimano New Deore LX
Front Derailleur	Shimano New Deore LX, bottom pull
Rear Derailleur	Shimano New Deore LX
Shifters	Shimano Deore top-mount competition shifters
Handlebars	Aluminum alloy
Stem	TIG-welded CR-MO w/titanium finish
Headset	Tange-Seiki FOV-ST
Brakeset	CODA custom anodized w/Aztec pads and Force 40 Plus routing, Shimano Deore two-finger levers
Saddle	Vetta SL
Seatpost	Kalloy, aluminum w/titanium finish
Seatpost QR	CODA Slim-Cam
Extras	CODA Torpedo grips, Ritchey rim tape
Colors (codes)	Diamond Black metallic fade to Iceland Green (EDG), Formula Red w/Radiance Red Hyper-Highlight (RRD)
Sizes	14, 16, 18, 20, 22
Weight	25.0 lbs.



Formula Red w/Radiance Red  
Hyper-Highlight (RRD)



# M500

3.0 SERIES MOUNTAIN BICYCLES

Cannondale 3.0 Series mountain frame with all chrome-moly Tange fork • New Shimano Altus A10 with upgraded Exage Rapidfire Plus STI levers • Exage hubs and Deore LX cartridge bottom bracket • Ritchey Vantage Sport rims and blackwall Z-Max tires • New Shimano Altus A10 Multi-Condition Brake System • CODA Torpedo grips, Kraton rubber

COMPONENT	SPECIFICATIONS
Frame	Cannondale 3.0 Series Mountain
Fork	Tange mountain, all CR-MO
Rims	Ritchey Vantage Sport, silver anodized, 32 hole
Hubs	Shimano Exage ES
Spokes	DT Swiss, stainless steel
Tires	Ritchey Z-Max 2.1", blackwall
Pedals	Tioga Surefoot III w/Powerclip toeclips and straps
Crank	Shimano Altus A10, 26/36/46, Dual SIS
Chain	Shimano Hyperglide
Freewheel	Shimano Hyperglide cassette, 13-30, 7-spd
Bottom Bracket	Shimano Deore LX, cartridge type
Front Derailleur	Shimano Altus A10
Rear Derailleur	Shimano Altus A10
Shifters	Shimano Exage LT Rapidfire Plus
Handlebars	Aluminum alloy
Stem	TIG-welded CR-MO
Headset	Tange-Seiki ME-S11, triple sealed
Brakeset	Shimano Altus A10 Multi-Condition System
Saddle	Vetta Lite Gel
Seatpost	Kalloy SP-266, black anodized
Seatpost QR	Polygon QR-201, titanium finish
Extras	CODA Torpedo grips
Colors (codes)	Diamond Black metallic (EBO), Purple w/Blue Pearl Hyper-Highlight (PPH)
Sizes	14, 16, 18, 20, 22
Weight	27.5 lbs.



Diamond Black metallic (EBO)







*Three-time All Japan national women's cross-country champion Wink Zimick motoring at the Roll Out Cycle three hour endurance race in Kobe, Japan. Between races Wink is the marketing manager for Cannondale Japan, our subsidiary in Osaka.*

**T**EAM CANNONDALE, our unofficial world-wide consortium of Cannondale-sponsored athletes, is an incredibly diverse group representing virtually every form of cycling competition. From seasoned World Champion road racers to All-Japan Elite Mountain Biking Champions. From world-class triathletes to U.S. National Disabled Cycling Champions. And from track riders with Olympic aspirations to "grass roots" developmental mountain biking teams.

We would like to thank all of our sponsored athletes for representing us with professionalism and enthusiasm, and for their invaluable feedback that allows us to constantly improve our products.

**USA:** Rick Wells, Graeme Miller, David Lee, Warwick Dalton, Graeme Thompson, Glen Thompson - **Australia:** Troy Fiddler, Shane Johnson, Tim Bentley, Peter Trench, Adam Joyce, Simon Lawrence Vignes - **Japan:** Wink Zimick, Michael Jackson, Charles Dye, Richard Knapp, Scott Delehanty, Kosuke Oki, Kenichiro Takekawa, Taco Uesaka, Yuki Yajima - **Netherlands:** Erwin Maurice de Bruin, Frank Frijters, Werner Hereyers, Peter van Ommen, Ludwig Reynen, Luc Reyerink, Erwin Stofmool, Ton Verhoeven, Edward Kuiper, Rene de Vink, Peter Tolhoek, Roger van de Bos, Henry Kiens, Robert Witbreuk - **Belgium:** Mario Huys, Team Filip Sport: Christa De Frenne, Hugo Van Esseche, Dirk Persoons, Stéphan Bran, Miguel Medeiros Fernandez, Henri Marc Vanderplaetse, Robert Desmedt, Michael Vandermeuschen, Filip Lauwers, Gabriel Van Bieust, Miguel Loumaye, Pascal Van Loo, Dirk Claeys, Frederic Dejasse, Team Shuse: Pierre Didier Reinaers, Patrick Reinaers, Théo Surson, Erienne Thirionet, Team Vandevijvere: Frederik Heylen - **Luxembourg:** Team Trisport: Steve Thull - **Germany:** Stephen Freußler, Peter Büsch, Marc Legeai, Oliver Legeai, Jean Paul Hosotte, Chantal Russias, Sandy Shroot, George Edwards, Bertrand Picard - **Sweden:** Martin Ritsel - **Norway:** Simen Thorvaldsen - **Finland:** Tom Denmark: Michal Guldhammer, Ulric Geisler, Peter Sandvang, Charlotte Bøving - **United Kingdom:** Simon Lessing, Sarah Springman, Mark Ketterer, Danny Ashley, Chris Horrod, Peter Adrian Sidford, Phillip Stonelake, Dennis Thom, Nick Anderson, Chris Haskett, Mark Chadbourne, Chris Potter, John Bytheway - **Switzerland:** Thomas Leutenegger, René Serafini, Roly Queline Keller, Anita Troxler, Alex Schawalder, Reto Schawalder, Philipp Hukli, Marcel Kuhn, Marc Mettler, Philippe Martin, Sandro Vitali, Andrea Bellati, Claudy Dewarrat, Ernst Weitman, Team - **Italy:** Cannondale Racing Team: Mauro Panzarola, Luciano Cordone, Stefano Migliorini, Claudio Vestorel, Monica Maltinti, Rampi Club Brianza, Damilo Palmucci, Antonio Gasmo Geusa, Gruppo Sportivo Giesse Camogli, Costa di Mezzate Cicli Benedetti, Matteo Frutti, Renato Poli - **USA:** Marianne Berglund, Laura Charameda, Cynda Maxon, Cherie Turner, Heidi, Tim Quigley, Maddy Tormoen, Kelly Steelman, Shawn Withers, Trent Davis, Roger Bird, Paul Smith, Jeff Burnard, Todd Smith, Alex McLaran, Kelly Grief, Peter Christopher, Dave Gane, Tim Granshaw, JD Howell, Glenn Poupore, Gary Ristick, Alan Sell, John Mahoney, Katie Beck, Charles Dempsey, Duane Wagner, Kent Bostick and Frank Scioscia (tandem), Ray Patterson Connecticut Special Olympics Cycling Team, Yale University Cycling Team.



# 2.8 SERIES RACING BICYCLES

Our 2.8 Series racing frame pairs light weight — as little as 2.8 lbs.<sup>1</sup> — with our proven Road Race geometry. Designed with CAD (Computer-Assisted Design) technology, the 2.8 Series frame concentrates aluminum where it boosts performance and shaves it away from non-critical areas for dramatic weight savings. Coupled with our new all-aluminum 1.25" Sub One fork<sup>2</sup>, the 2.8 Series frame is an unparalleled match of light weight and solid performance.

Buttressed seat tube provides extra strength near top tube and accommodates standard posts, but has a weight-saving thinner wall throughout the rest of its length.

Lightweight cantilever features our patented<sup>3</sup> rear derailleur for quick, inexpensive otherwise "frame-damage."

Reinforced chainstays put the meat of the tubes where it's needed for top performance — near bottom bracket cluster — and shave weight from thinner profile near the rear dropouts.

For exceptional rigidity, the top tube is ovalized with a horizontal major axis where it meets the seat tube. Near the head tube, the top tube is ovalized with a vertical major axis for optimum strength. For additional strength, this end of the tube is also butted. The tube's central portion is round.

Our lightweight, shock-absorbing, 1.25" Sub One fork weighs less than a pound and features all-aluminum construction<sup>4</sup>.

Tapered down tube has a larger diameter at the bottom bracket to reduce frame flex. Near the head tube, the down tube is butted for extra strength and impact resistance.

<sup>1</sup>56 cm, bare frame weight.  
<sup>2</sup>Not featured on the R700 or R600.  
<sup>3</sup>#5,020,819.

*Laura Charameda competing at the Dole Citrus Classic two-day race in Visalia, California. Laura won the road race on the first day and placed a close second in the following day's criterium. Photo by Jim Safford.*

# R2000

2.8 SERIES RACING BICYCLES

Cannondale 2.8 Series Road Race frame with Cannondale Sub One aluminum fork • Shimano 8-spd Dura Ace with STI levers • Mavic Open 4 CD rims with Continental Grand Prix Kevlar bead tires • New Shimano Dura Ace SPD pedals • Double-buttet Wheelsmith spokes



# MARIANNE BERGLUND

Cannondale-sponsored road racer Marianne Berglund is generally regarded as the world's finest woman criterium racer, combining years of experience with a devastating sprint. Her career highlights include a World Cycling Championships title, eight victories at the Swedish National Championships, and five wins in six years at the La Jolla Grand Prix.



In her past two seasons racing for Cannondale, Marianne has amassed an impressive record. Her 1991 results were highlighted by 20 victories at major events, including wins at the Canadian National Tire Series (overall winner), the Nestle-Nescafe Classic in New Jersey, the Dale Citrus Classic in Visalia, California, the Carolina Cup Series in North Carolina (overall winner) and the USD Criterium in San Diego.

Much of Marianne's recent success can be attributed to her talented teammate, Laura Charameda. An impressive rider in her own right, Laura herself last year garnered more than 40 victories in large and small races across the country.

As our catalog goes to press, both Marianne and Laura are looking forward to another dominant season that may well include competing at the 1992 Summer Olympics in Barcelona and the World Championships.

## COMPONENT SPECIFICATIONS

Frame	Cannondale 2.8 Series Road Race
Fork	Cannondale Sub One
Rims	Mavic Open 4 CD, silver anodized
Hubs	Shimano Dura Ace
Spokes	Wheelsmith, double-butted, stainless steel
Tires	Continental Grand Prix, Kevlar bead, 23 c
Pedals	New Shimano Dura Ace SPD
Crank	Shimano Dura Ace, Dual SIS, 39/53
Chain	Shimano Dura Ace
Freewheel	Shimano Dura Ace 8-spd cassette, 12-21
Bottom Bracket	New Shimano Dura Ace cartridge type
Front Derailleur	Shimano Dura Ace
Rear Derailleur	Shimano Dura Ace
Shifters	Shimano Dura Ace STI
Handlebars	ITM Super Italia Pro
Stem	Control Tech, TIG-welded aluminum, 230 g
Headset	Tange-Seiki, New Vantage
Brakeset	Shimano Dura Ace
Saddle	Flite, titanium rails
Seatpost	Kingsbery USA
Colors (codes)	Raceberry fir-fade to Rocket Silver (SRS)
Sizes	48, 50, 53, 54.5, 56, 58, 60, 63
Weight	19.9 lbs.

## ROAD RACE FRAME GEOMETRY R2000, R900, R800, R600, R500, R400

	48	50	53	54.5	56	58	60	63	66' (2.8)	66' (3.0)
Sizes (cm)	48	50	53	54.5	56	58	60	63	66' (2.8)	66' (3.0)
Seat Tube Angle (degrees)	73.00	73.00	73.00	74.00	73.70	73.10	73.00	73.00	73.00	73.00
Head Tube Angle (degrees)	70.50	71.50	73.00	73.00	73.00	73.00	73.00	73.50	73.50	73.50
Top Tube Length (cm)	49.78	51.56	53.98	55.58	55.88	56.21	56.72	58.72	60.96	60.96
Chainstay Length (cm)	40.54	40.54	40.54	40.54	40.54	40.54	40.54	40.54	40.54	40.54
Fork Rake (cm)	5.40	5.40	4.57	3.81	3.81	3.81	3.81	3.51	3.51	3.51
Bottom Bracket Height (cm)	27.31	27.31	27.31	27.31	27.31	27.31	27.31	27.31	27.31	27.31
Wheelbase (cm)	96.04	97.19	97.46	98.35	98.38	98.07	98.43	99.57	102.65	102.65
Trail (cm)	6.35	5.66	5.59	6.35	6.35	6.35	6.35	6.35	2.50	2.50
Ground to Top of Top Tube (cm)	72.80	74.00	77.00	78.90	80.10	81.60	83.00	86.80	91.07	91.34

In addition to complete bicycles, we also offer Cannondale framesets. Contact your authorized Cannondale retailer about building your own Cannondale, or upgrading your existing components to a superior frame.

\*Available as a frameset only.

# R900

2.8 SERIES RACING BICYCLES

Cannondale 2.8 Series Road Race frame with Cannondale Sub One aluminum fork • Shimano 8-spd Ultegra with STI levers • Mavic Open 4 CD rims with Continental Grand Prix Kevlar bead tires • Super lightweight TIG-welded aluminum Control Stem and Profile Hammer handlebar. Both made in USA • Look Carbon pedals

## COMPONENT SPECIFICATIONS

Frame	Cannondale 2.8 Series Road Race
Fork	Cannondale Sub One
Rims	Mavic Open 4 CD, silver anodized
Hubs	Shimano Ultegra
Spokes	15 gauge, stainless steel
Tires	Continental Grand Prix, Kevlar bead, 23 c
Pedals	Look Carbon
Crank	Shimano Ultegra, 39/53
Chain	Shimano Hyperglide
Freewheel	Shimano Ultegra 8-spd cassette, 12-21
Bottom Bracket	Shimano Ultegra cartridge type
Front Derailleur	Shimano Ultegra
Rear Derailleur	Shimano Ultegra
Shifters	Shimano Ultegra STI
Handlebars	Profile Hammer, made in USA
Stem	Control Tech, TIG-welded aluminum, 230 g
Headset	Tange-Seiki, New Vantage
Brakeset	Shimano Ultegra
Saddle	Vetta SL Racing, tubular CR-MO rails, leather
Seatpost	Kalloy SP-248, cold forged
Colors (codes)	Formula Red w/Radiance Red vertical Hyper-Highlight (RRH)
Sizes	48, 50, 53, 54.5, 56, 58, 60, 63
Weight	20.75 lbs.



# R800

## 2.8 SERIES RACING BICYCLES

Cannondale 2.8 Series Road Race frame with Cannondale Sub One aluminum fork • New Shimano 105 8-spd with STI levers • Mavic Open 4 CD rims with Continental Grand Prix Kevlar bead tires • Super lightweight TIG-welded aluminum Control Stem and Profile Hammer handlebar. Both made in USA • Look Carbon pedals • Vetta SL Racing saddle with tubular chrome-moly rails

### COMPONENT SPECIFICATIONS

Frame	Cannondale 2.8 Series Road Race
Fork	Cannondale Sub One
Rims	Mavic Open 4 CD, silver anodized
Hubs	New Shimano 105
Spokes	15 gauge, stainless steel
Tires	Continental Grand Prix, Kevlar bead, 23 c
Pedals	Look Carbon
Crank	New Shimano 105, 39/53
Chain	Shimano Hyperglide
Freewheel	New Shimano 105 8-spd cassette, 12-21
Bottom Bracket	New Shimano 105, cartridge type
Front Derailleur	New Shimano 105
Rear Derailleur	New Shimano 105
Shifters	New Shimano 105 STI
Handlebars	Profile Hammer, made in USA
Stem	Control Tech, TIG-welded aluminum, 230 g
Headset	Tange-Seiki, New Vantage
Brakeset	Shimano 105, super SLR
Saddle	Vetta SL Racing, tubular CR-MO rails, leather cover
Seatpost	Kalloy SP-248, cold forged
Colors (codes)	Deep Indigo w/Fresco Blue vertical Hyper-Highlight (IBH), Rocket Silver (fz-fade to Formula Red (SFS))
Sizes	48, 50, 53, 54.5, 56, 58, 60, 63
Weight	21.25 lbs.



Deep Indigo w/Fresco  
Blue vertical Hyper-Highlight (IBH)



# R700

2.8 SERIES RACING BICYCLES

Cannondale 2.8 Series frame with Triathlon/Time Trial geometry • New Shimano 105 8-spd with Grip Shift "Pro Line" shifters • Sun M14A 26", violet anodized rims with Continental Grand Prix tires, 23 c • Profile Air Wing handlebars with new Aero II clip-on • Hed "Tails" saddle-mounted waterbottle holder

## TRIATHLON/TIME TRIAL FRAME GEOMETRY R700

Size (cm)	48	50	52	54	56	58	60	63
Seat Tube Angle (degrees)	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00
Head Tube Angle (degrees)	72.00	72.00	72.00	72.00	72.00	72.00	72.00	72.50
Effective Top Tube Length (cm)	48.89	52.20	52.71	54.99	56.52	56.86	57.35	59.39
Chainstay Length (cm)	38.00	38.00	38.00	38.00	38.00	38.00	38.00	38.00
Fork Rake (cm)	4.17	4.17	4.17	4.17	4.17	4.17	4.17	3.89
Bottom Bracket Height (cm)	27.30	27.30	27.3	27.30	27.30	27.30	27.30	27.30
Wheelbase (cm)	93.12	95.28	95.40	97.79	99.42	99.85	100.43	101.85
Trail (cm)	6.35	6.35	6.35	6.35	6.35	6.35	6.35	6.35
Ground to Top of Top Tube (cm) <sup>1</sup>	72.44	74.96	76.10	77.98	79.88	81.86	83.41	86.53

<sup>1</sup>At middle of tube length

In addition to complete bicycles, we also offer Cannondale framesets. Contact your authorized Cannondale retailer about custom-building your own Cannondale, or upgrading your existing components to a superior frame.

## COMPONENT SPECIFICATIONS

Frame	Cannondale 2.8 Series with Triathlon/Time Trial geometry
Fork	Aluminum alloy
Rims	Sun M14A, violet anodized
Hubs	Shimano 105
Spokes	Wheelsmith, stainless steel, double-buttet
Tires	Continental Grand Prix, 26" x 23 c
Pedals	Not included
Crank	New Shimano 105, 56/44
Chain	Shimano Hyperglide
Freewheel	New Shimano 105 8-spd cassette, 12-21
Bottom Bracket	New Shimano 105
Front Derailleur	New Shimano 105
Rear Derailleur	New Shimano 105
Shifters	Grip Shift "Pro Line", 8-spd
Handlebars	Profile Air Wing with new Aero II clip-on
Stem	TIG-welded CR-MO
Headset	Tange-Seiki ME-SII, triple sealed
Brakeset	Shimano 105, super SLR
Saddle	Vetta SL, CR-MO rails
Seatpost	Control Tech, forward position
Extras	Hed "Tails" saddle-mounted twin waterbottle with Cannondale Featherlite cages
Colors (codes)	Diamond Black metallic fitz-fade to Bonrai B
Sizes	48, 50, 52, 54, 56, 58, 60, 63
Weight	21.75 lbs.





# R600

## 2.8 SERIES RACING BICYCLES

Cannondale 2.8 Series Road Race frame with lightweight aluminum fork •• New Shimano 105 with 8-spd Hyperglide drivetrain •• Mavic MA2 Argent rims and Continental Grand Prix tires •• Look PM56 clipless pedals •• Modolo anatomic bend alloy handlebars •• Sampson Fat Wrap handlebar tape

### COMPONENT SPECIFICATIONS

Frame	Cannondale 2.8 Series Road Race
Fork	Aluminum alloy
Rims	Mavic MA2 Argent, silver anodized
Hubs	New Shimano 105
Spokes	15 gauge, stainless steel
Tires	Continental Grand Prix, Kevlar bead, 23 c
Pedals	Look PM56
Crank	New Shimano 105, 39/53
Chain	Shimano Hyperglide
Freewheel	New Shimano 105 8-spd cassette, 12-21
Bottom Bracket	New Shimano 105, cartridge type
Front Derailleur	New Shimano 105
Rear Derailleur	New Shimano 105
Shifters	New Shimano 105 8-spd
Handlebars	Modolo, alloy, anatomic bend
Stem	TIG-welded, CR-MO
Headset	Tange-Seiki ME-II, triple sealed
Brakeset	Shimano 105, super SLR
Saddle	Vetta Lite Gel Racing
Seatpost	Lee Chi alloy, cold forged
Colors (codes)	Deep Indigo w/Blue Pearl Hyper-Highlight (BPH), Diamond Black metallic fade to Gunmetal metallic (EGM)
Sizes	48, 50, 53, 54.5, 56, 58, 60, 63
Weight	21.25 lbs.



Diamond Black metallic  
fade to Gunmetal metallic (EGM)





# 3.0 SERIES RACING BICYCLES

Our 3.0 Series Racing Bicycles are named for the three key attributes of their 3.0 Series road frame — light weight, long-distance comfort and responsive handling. The light weight — 3.2 pounds on a 56 cm frame — results from the intelligent application of our large-diameter, 6061-T6 aluminum tubing. The comfort is a function of aluminum's natural ability to damp vibration, and the responsive handling springs from our "dialed in" Road Race geometry<sup>1</sup> and efficient, flex-resistant tubing.

Butted seat tube provides extra strength near the top tube and accommodates standard seatposts, but has a weight-saving thinner wall throughout the rest of its length.

Lightweight cantilever dropout  
is our patented, replaceable  
derailleur hanger for quick,  
extensive repairs of otherwise  
"totalling" damage.

Tapered chainstays put the meat of  
the tubes where it's needed for top  
performance — near the bottom bracket  
cluster — and shave weight with a  
thinner profile near the rear dropouts.



Lightweight, vibration-damping  
Proway aluminum fork.

Flex-resistant, large-diameter aluminum  
tubing delivers more pedaling energy to the  
rear wheel for explosive sprinting, faster  
climbing and more efficient spinning.

<sup>1</sup>Please see page 29 for Road Race geometry chart.  
#5,020,819.

USCF Cat. II racer and U.S. National Disabled Cycling Champion  
Charles Dempsey hammering through a turn on a training ride in  
southern California. Photo by Roger Andrews. (Printed with  
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## CANNONDALE'S AUTHORIZED RETAILER NETWORK

"We had this one customer who developed leg pain every time he rode. He'd tried everything before coming to see us...We quickly figured out that his toe clips were too small. We set him up with some larger clips and his leg pain disappeared."

— Cannondale retailer Tomias Hinchcliff, owner of Genesis Bicycles and T-Town Cycle Sports in Pennsylvania.



*In* buying a new bike, don't forget that where you buy is as important as what you buy. In order to reach your full cycling potential you must be well

matched to equipment that's properly sized, assembled and adjusted. And while no bike shop can make an inferior bicycle great, an indifferent shop can easily prevent a quality bike from performing at its best.

*We* insist upon selling our bikes only through the most knowledgeable, professional, progressive shops in the world. In fact, fewer than 15% of all bike shops make the cut. Your Authorized Cannondale Retailer is our single most important link to you, our customer. You can be certain that the same uncompromising commitment to quality found in our products carries through to the bike shops we select to sell our bicycles.

# R500

## 3.0 SERIES RACING BICYCLES

Cannondale 3.0 Series Road Race frame with lightweight aluminum fork ∞ Shimano RX100 7-spd Hyperglide drivetrain with RX100 triple crankset ∞ Mavic MA rims with Continental SuperSport Ultra tires ∞ Modolo anatomic bend alloy handlebars ∞ Vetta Lite saddle with Vetta Gel



# R400

3.0 SERIES RACING BICYCLES

Cannondale 3.0 Series Road Race frame with lightweight aluminum fork • Shimano RX100 7-spd Hyperglide drivetrain • Mavic MA rims with Continental Super Sport Ultra tires • Modolo anatomic bend alloy handlebars • Vetta Lite saddle with Vetta Gel



Formula Red w/Radiance  
Red Hyper-Highlight (RRD)

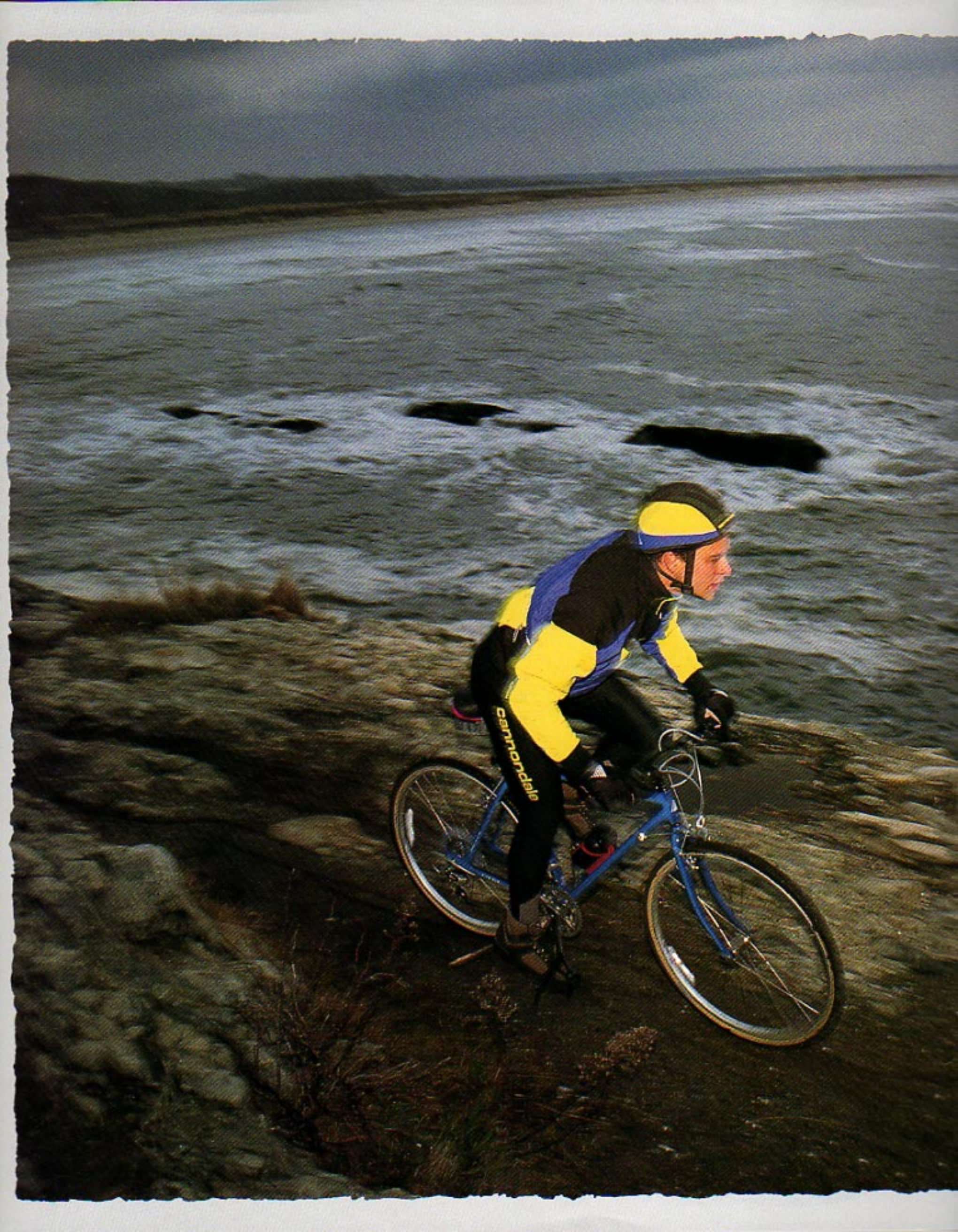


## R500 COMPONENT SPECIFICATIONS

Frame	Cannondale 3.0 Series Road Race
Fork	Aluminum alloy
Rims	Mavic MA
Hubs	Shimano RX100
Spokes	15 gauge, stainless steel
Tires	Continental Super Sport Ultra 23 c
Pedals	Shimano RX100
Crank	Shimano RX100, 30/42/52 triple
Chain	Shimano Hyperglide
Freewheel	Shimano Hyperglide 7-spd cassette, 13-23
Bottom Bracket	Shimano RX100, cartridge type
Front Derailleur	Suntour XC Comp
Rear Derailleur	Shimano RX100
Shifters	Shimano RX100 7-spd
Handlebars	Modolo, alloy, anatomic bend
Stem	TIG-welded, CR-MO
Headset	Tange-Seiki ME-SII, triple sealed
Brakeset	Shimano RX100, super SLR
Saddle	Vetta Lite Gel Racing
Seatpost	Lee Chi alloy, cold forged
Colors (codes)	Bimini Blue fade to Bonzai Blue (BBF)
Sizes	48, 50, 53, 54.5, 56, 58, 60, 63
Weight	22.75 lbs.

## R400 COMPONENT SPECIFICATIONS

Frame	Cannondale 3.0 Series Road Race
Fork	Aluminum alloy
Rims	Mavic MA
Hubs	Shimano RX100
Spokes	15 gauge, stainless steel
Tires	Continental Super Sport Ultra 23 c
Pedals	Shimano RX100
Crank	Shimano RX100, 42/52
Chain	Shimano Hyperglide
Freewheel	Shimano Hyperglide 7-spd cassette, 13-23
Bottom Bracket	Shimano RX100, cartridge type
Front Derailleur	Shimano RX100
Rear Derailleur	Shimano RX100
Shifters	Shimano RX100 7-spd
Handlebars	Modolo, alloy, anatomic bend
Stem	TIG-welded, CR-MO
Headset	Tange-Seiki ME-SII, triple sealed
Brakeset	Shimano RX100, super SLR
Saddle	Vetta Lite Gel Racing
Seatpost	Lee Chi alloy, cold forged
Colors (codes)	Diamond Black metallic (EBO), Formula Red w/Radiance Red Hyper- Highlight (RRD)
Sizes	48, 50, 53, 54.5, 56, 58, 60, 63
Weight	22.0 lbs.



# CROSS TRAINING BICYCLES

Our Cross Training bicycles prove that light weight<sup>1</sup> and efficient performance can be incorporated into a comfortable, stable geometry. Our 1993 Cross Training models all feature rider-friendly upright handlebars and easy-to-use, bar-mounted indexed shifting. Each model also comes equipped with sure-stopping cantilever brakes, a tough, lightweight chrome-moly fork and threaded mounts for attaching waterbottle cages, rear racks, low-riding front racks and fenders.

Butted seat tube provides extra strength near the top tube and accommodates standard seatposts, but has a weight-saving thinner wall throughout the rest of its length.



Tough, lightweight chrome-moly fork.

Shifter bosses compatible with down tube-mounted shift levers, allowing an easy switch to drop-style handlebars.

Lightweight cantilever dropout features our patented, replaceable rear derailleur hanger for quick, inexpensive repairs of otherwise "time-totalling" damage.

Flex-resistant, large-diameter aluminum tubing delivers more pedaling energy to the rear wheel for faster sprinting, easier climbing and more efficient spinning.

<sup>1</sup>3.25 lbs., 18" bare frame weight.  
<sup>2</sup>#5,020,819.

Jack Jepson on an autumn ride near a brooding Atlantic Ocean. Newport, Rhode Island. Photo by Jeff Vibert.

# H800

CROSS TRAINING BICYCLES

Cannondale aluminum Cross Training frame • Shimano  
Deore XT 7-spd Hyperglide drivetrain • CODA custom anodized brakes  
with Aztec pads • Ritchey Logic crankset • Wolber Model 59 hard  
anodized rims with Avocet Cross tires • CODA custom anodized  
Competition handlebars





# BICYCLE COMMUTING

To encourage bicycle commuting at our Georgetown, Connecticut, headquarters we've provided our people with on-site showers and a secure place to stash their bikes. The response has been great, and during the warmer months as much as a quarter of our workforce ride their bikes to and from work. (A few hardy souls actually commute by bike straight through the winter.)

Bicycle commuting is a viable concept: More than half of all Americans live within five miles of where they work,

and yet only a small percentage of the more than 47,000,000 active American adult cyclists presently cycle to work. There is a huge, untapped reservoir of active cyclists who should give serious consideration to bicycle commuting. That untapped reservoir probably includes you.

If you haven't already, think about riding your bike to work. If you need more encouragement, consider this:

- Between 16 and 24 million barrels of oil a year could be saved by increasing the number of bicycle commuters from 500,000 to 3.8 million.
- If the percentage of trips made by bicycle rose from approximately 0.7% now to 2.4%, there would be a 5% reduction in carbon monoxide emission levels.
- A ten mile commute by bicycle requires 350 calories of energy. The same trip in an average American car requires 18,600 calories of energy.
- If one in four Americans would ride a mere five miles a week instead of driving, our annual national gasoline bill would drop by \$1.2 billion, and 6,700,000 tons of carbon dioxide would be kept out of the atmosphere.

## COMPONENT SPECIFICATIONS

Frame	Cannondale Cross Training
Fork	Tange CR-MO
Rims	Wolber Super Champion 59, hard anodized, 36 hole
Hubs	Shimano Deore XT
Spokes	DT Swiss, stainless steel
Tires	Avocet "Cross", 700 x 38 c
Pedals	SR Low Fat Comp, all alloy
Crank	Ritchey Logic, 28/42/50
Chain	Shimano Hyperglide
Freewheel	Shimano Deore XT 7-spd Hyperglide cassette, 13-30
Bottom Bracket	Shimano Deore XT, cartridge type
Front Derailleur	Shimano Deore XT
Rear Derailleur	Shimano Deore XT
Shifters	New Gripshift SRT 300
Handlebars	CODA Competition bar, 2017 aluminum, 140 g
Stem	TIG-welded CR-MO
Headset	Tange-Seiki ME-SII, triple sealed
Brakeset	CODA custom anodized w/Aztec pads and Dia-Compe FS-E brake levers
Saddle	Vetta Gel, leather cover, Shock Absorbing
Seatpost	Ritchey Force Directional
Seatpost QR	CODA Slim-Cam
Colors (codes)	Glacier Blue metallic (GLB)
Sizes	16, 18, 20, 22
Weight	25.0 lbs.

## CROSS TRAINING FRAME GEOMETRY

	H800, H600, H400	16	18	20	22
Size (in.)		16	18	20	22
Seat Tube Angle (degrees)		75.00	75.00	74.00	73.00
Head Tube Angle (degrees)		71.00	71.00	71.00	71.00
Top Tube Length (in.)		22.00	22.61	23.20	23.80
Chainstay Length (in.)		17.00	17.00	17.00	17.00
Fork Rake (in.)		2.13	2.13	2.13	2.13
Bottom Bracket Height (in.)		11.00	11.00	11.00	11.00
Wheelbase (in.)		41.54	42.19	42.38	42.64
Trail (in.)		2.53	2.53	2.53	2.53
Ground to Top of Top Tube (in.) <sup>1</sup>		26.28	29.67	31.35	32.36

<sup>1</sup>At middle of tube length.

In addition to complete bicycles, we also offer Cannondale framesets. Contact your authorized Cannondale retailer about custom-building your own Cannondale, or upgrading your existing components to a superior frame.



# H600

CROSS TRAINING BICYCLES

Cannondale aluminum Cross Training frame •• New Shimano Deore LX 7-spd Hyperglide drivetrain •• New, short rotation 7-spd Gripshift •• Ritchey Vantage Cross rims with Avocet Cross tires •• Dia-Compe 986 cantilever brakes and FS-E levers •• Vetta Lite Gel saddle

COMPONENT SPECIFICATIONS	
Frame	Cannondale Cross Training
Fork	Tange CR-MO
Rims	Ritchey Vantage Cross, silver anodized
Hubs	Shimano New Deore LX
Spokes	DT Swiss, stainless steel
Tires	Avocet "Cross", 700 x 38 c
Pedals	Tioga Surefoot III
Crank	Shimano RX100, 30/42/52
Chain	Shimano Hyperglide
Freewheel	Shimano Deore LX 7-spd Hyperglide
Bottom Bracket	Shimano New Deore LX, cartridge
Front Derailleur	Shimano New Deore LX
Rear Derailleur	Shimano New Deore LX
Shifters	New Gripshift SRT 300
Handlebars	Aluminum alloy
Stem	TIG-welded CR-MO
Headset	Tange-Seiki ME-SII, triple sealed
Brakeset	Dia-Compe 986 cantilevers and Dia-Compe FS-E brake levers
Saddle	Vetta Lite Gel
Seatpost	Kalloy SP-366
Seatpost QR	Polygon QR-201
Colors (codes)	Fresco Blue metallic (FRB), Gunmetal metallic (GRY)
Sizes	16, 18, 20, 22
Weight	25.25 lbs.



Gunmetal metallic (GRY)

# H400

## CROSS TRAINING BICYCLES

Cannondale aluminum Cross Training frame •• New Shimano Altus A10 with upgraded Exage Rapidfire Plus STI levers and Exage hubs •• Ritchey Vantage Cross rims with Avocet Cross tires •• New Shimano Altus A10 Multi Condition Brake System •• Vetta Lite Gel saddle

COMPONENT	SPECIFICATIONS
Frame	Cannondale Cross Training
Fork	Tange CR-MO
Rims	Ritchey Vantage Cross, silver anodized, 36 hole
Hubs	Shimano Exage ES
Spokes	DT Swiss, stainless steel
Tires	Avocet "Cross", 700 x 38 c
Pedals	Tinga Surefoot II
Crank	Shimano Altus A10, 30/40/50
Chain	Shimano Hyperglide
Freewheel	Shimano Hyperglide, 13-30, 7-spd
Bottom Bracket	Shimano Altus A10, cartridge type
Front Derailleur	Shimano Altus A10
Rear Derailleur	Shimano Altus A10, 7-spd
Shifters	Shimano Exage LT STI Rapidfire Plus
Handlebars	High strength steel
Stem	TIG-welded CR-MO
Headset	Tange-Seiki ME-II
Brakeset	Shimano Altus 10 Multi Condition
Saddle	Vetta Lite Gel
Seatpost	Kalloy SP-366
Seatpost QR	Polygon QR-201, titanium finish
Colors (codes)	Formula Red w/Radiance Red Hyper-Highlight (RRD), Purple w/Blue Pearl Hyper-Highlight (PPH)
Sizes	16, 18, 20, 22
Weight	26.75 lbs.



Formula Red w/Radiance Red  
Hyper-Highlight (RRD)





# TOURING BICYCLES

Over the past decade, Cannondale Touring bicycles have crossed continents, circled the globe, and become famous for their light weight, efficient performance and solid durability. Our 1993 models feature a classic touring geometry with a long wheelbase for comfort and stability. Each comes with versatile 21 speed gearing, sure-stopping cantilever brakes, and a host of convenient extras ranging from pump pegs to braze-on mounts for racks and waterbottles.

Butted seat tube provides extra strength near the top tube and accommodates standard seatposts, but has a weight-saving thinner wall throughout the rest of its length.

Beefy, large-diameter aluminum tubing delivers more pedaling energy to the rear wheel by virtually eliminating frame flex (especially important when riding with loaded panniers).

Relaxed head angle contributes to a comfortable ride and stable handling.

Lightweight cantilever dropout carries our patented, replaceable derailleur hanger for quick, inexpensive repairs of otherwise "catastrophic" damage.

Strong, lightweight chrome-moly fork comes equipped with low rider bosses.



13.5 lbs., 21" bare frame weight.  
\$5,020,819.

Twenty miles south of New Orleans, Dr. Tina Finemish enjoys a week-long break from her residency at a Philadelphia hospital. Photo by Dennis Coello.

## ON THE ROAD WITH TOM SNYDERS, CYCLING COMIC



Of the thousands of customers we've met over the years, none have been more entertaining (literally) than Tom Snyder. A stand up comic who rides a Cannondale T1000 touring bike from gig to gig, Tom uses his vagabond lifestyle as the central theme of his act.

The cycling aspect of Tom's comedic career began unexpectedly when his '75 Buick LeSabre exploded while en route to an appearance in Las Vegas. Due to perform 14 days and 1,400 miles later in Des Moines, Tom set out for Iowa on an ancient ten-speed.

In Kansas, word reached Tom that the Des Moines club where he was booked had just burned to the ground. But an idea — and a star — had been born, and Tom's cycling exploits quickly became his "shake," his method of distinguishing himself from the hundreds of other comics around the country.

Through five years of his ongoing "Smile America Tour," Tom has:

- pedaled more than 52,000 miles through 49 states.
- been attacked by a police dog (while camping in Atlantic City).
- been struck at by a rattlesnake sunning itself on the roadside (it missed).
- slept in countless cemeteries (and lived to tell about it).
- eaten at McDonald's some 500 times (and lived to tell about it).
- faced rain, snow, hail, flash floods, dust storms and tornados.
- seriously considered a career change 13,552 times.

To book Tom for an appearance at a bike club meeting or cycling rally, call 702/366-8106.

### TOURING FRAME GEOMETRY T1000, T700

Size (in.)	19	21	23	25	27
Seat Tube Angle (degrees)	76.70	73.50	73.50	73.50	73.50
Head Tube Angle (degrees)	72.00	72.00	22.25	23.25	72.00
Top Tube Length (in.)	20.30	21.75	22.25	23.25	24.25
Chainstay Length (in.)	18.00	18.00	18.00	18.00	18.00
Fork Rake (in.)	2.13	2.13	2.13	2.13	2.13
Bottom Bracket Height (in.)	10.20	10.30	10.44	10.52	10.50
Wheelbase (in.)	41.10	41.30	41.60	42.70	44.00
Trail (in.)	2.15	2.15	2.15	2.15	2.15
Ground to Top of Top Tube (in.)	29.51	30.71	32.55	34.47	36.38

In addition to complete bicycles, we also offer Cannondale framesets. Contact your authorized Cannondale retailer about custom building your own Cannondale, or upgrading your existing components to a superior frame.

# T1000

TOURING BICYCLES

Cannondale aluminum Touring frame ⌘ Shimano Deore XT 7-spd Hyperglide drivetrain ⌘ CODA custom anodized bars with Aztec pads ⌘ Ritchey Logic crankset ⌘ Shimano Deore clipless pedals, PD-M525 ⌘ Wolber Model 59 hard anodized wheels ⌘ Brooks Team Pro all leather saddle



# T700

TOURING BICYCLES



Cannondale aluminum Touring frame ••• New Shimano Deore LX 7-spd Hyperglide drivetrain with Deore XT bar end shifters ••• Ritchey Vantage Cross rims with Michelin Hi Lite Tour tires ••• Dia Compe 986 cantilever brakes ••• Anatomic leather touring saddle



## T1000 COMPONENT SPECIFICATIONS

Frame	Cannondale Touring
Fork	Tango, all CR-MO
Rims	Wolber Super Champion 59, hard anodized, 36 hole
Hubs	Shimano Deore XT
Spokes	DT Swiss, stainless steel
Tires	Michelin Hi Lite Tour, 700 x 35 c
Pedals	Shimano Deore LX clipless, PD-M525
Crank	Ritchey Logic, 28/42/50
Chain	Shimano Hyperglide
Freewheel	Shimano Hyperglide 7-spd cassette, 13-30
Bottom Bracket	Shimano Deore XT, cartridge type
Front Derailleur	Shimano Deore XT
Rear Derailleur	Shimano Deore XT, 7-spd
Shifters	Shimano Deore XT, bar end type
Handlebars	Nitto 55 FA
Stem	Nitto Technomic
Headset	Tange-Seiki LP-1
Brakeset	CODA custom anodized w/Aztec pads, Dia-Compe 287 Aero levers
Saddle	Brooks Team Pro, pre-softened leather
Seatpost	Kingsbery USA
Extras	Cannondale racks and bottle cages, Esge fenders
Colors (codes)	Anthracite (ANT)
Sizes	19, 21, 23, 25
Weight	28.0 lbs.

## T700 COMPONENT SPECIFICATIONS

Frame	Cannondale Touring
Fork	Tango, all CR-MO
Rims	Ritchey Vantage Cross, silver anodized, 36 hole
Hubs	Shimano New Deore LX
Spokes	DT Swiss, stainless steel
Tires	Michelin Hi Lite Tour, 700 x 35 c
Pedals	MKS AR-II
Crank	Shimano RX100, 30/42/52
Chain	Shimano Hyperglide
Freewheel	Shimano Hyperglide 7-spd cassette, 13-30
Bottom Bracket	Shimano Deore LX, cartridge type
Front Derailleur	Shimano New Deore LX
Rear Derailleur	Shimano New Deore LX
Shifters	Shimano Deore XT, bar end type
Handlebars	Modolo, alloy, anatomic bend
Stem	TIG-welded CR-MO
Headset	Tange-Seiki ME-SII, triple sealed
Brakeset	Dia-Compe 986 cantilevers, Dia-Compe 287 Aero levers
Saddle	Viscount Anatomic touring, leather
Seatpost	Lee Chi alloy, cold forged
Extras	Cannondale rack and bottle cages
Colors (codes)	Turquoise metallic (TUR)
Sizes	19, 21, 23, 25
Weight	26.5 lbs.





# 3.0 SERIES TRACK BICYCLE

Our 3.0 Series Track Bicycle features our incredibly stiff, exquisitely nimble, 3.25 lb. 3.0 Series Track Frame. The stiffness results from the frame's flex-resistant, oversize aluminum tubing — including a super beefy two inch down tube — that channels pedaling energy directly to the rear wheel. An aggressive 75 degree head angle and short wheelbase provide the precise handling, and the slightly sloping top tube keeps the rider in an efficient, aerodynamic tuck. The 3.0 Series Track Frame is available as a frameset or on our SunTour Superbe Pro-equipped track bike. The frame is also compatible with standard caliper brakes; Pop in a road fork, add brakes, and you can assemble a fantastic fixed-gear bike for winter spinning.

Reinforced seat tube provides extra strength near top tube and accommodates standard seatposts, but has a weight-saving thinner wall throughout the rest of its length.

Reinforced rear triangle joins stays and seatstays forward of bottom bracket for a lighter, more efficient rear triangle.



Flex-resistant, large-diameter 6061-T6 aluminum tubing delivers more pedaling energy to the rear wheel for explosive sprinting.

Top quality chrome-moly track fork has round blades for superior lateral stiffness.

Massive two inch down tube virtually eliminates frame flex.

Double-offset bottom bracket cluster joins the seat tube to the bottom bracket shell forward of center, allowing shorter, lighter, more efficient chainstays, and reducing seat tube length and frame flex.

<sup>1</sup>on most sizes.

Cannondale-sponsored track rider Tim Quigley and friends comparing Cannondale prototypes against some chrome-moly dinosaurs at Tredertown. Photo by Neil Palumbo.

# TRACK

New Cannondale 3.0 Series Track frame with Tange all chrome-moly fork • SunTour Superbe Pro Track group • Sun M17A rims with Panaracer Ultima Slick tubular tires • Flite, titanium-railed saddle and Kingsbery USA aluminum seatpost



# A BASIC TRACK EVENT PRIMER

Track events offer cyclists a chance to experience many new and exciting kinds of racing, both as participants and spectators. To help familiarize you with this increasingly popular form of cycling competition, we've put together a brief listing of some of the more common track events.

**SPRINT:** Normally a one-on-one race covering three laps. The first two laps are usually a slow, tactical build-up culminating in an all-out sprint to the finish.

**KILOMETER TIME TRIAL:** Beginning from a standing start, individual riders go flat-out to cover one kilometer in the fastest possible time. Rapid acceleration and the ability to sustain a sprint are crucial.

**INDIVIDUAL PURSUIT:** Ranging in length from two to five kilometers, the individual pursuit begins with two riders on opposite sides of the track. The competitors circle the track, each trying to win by catching the other rider. If, at the end of the allotted distance, neither rider has been caught, the winner is determined by comparing the riders' times.

**TEAM PURSUIT:** Similar to the individual pursuit, with two teams of four circling the track trying to catch the other riders.

**POINTS RACE:** Covering between 20 and 50 kilometers, a pack of riders competes for points by sprinting to the start/finish line every fifth lap. The rider with the most accumulated points at the end of the race wins.



Photos by Neal Palumbo.

## COMPONENT SPECIFICATIONS

Frame	Cannondale Track
Fork	Tange, all CR-MO
Rims	Sun M17A
Hubs	SunTour Superbe Pro Track
Spokes	15 gauge, stainless steel
Tires	Panaracer Ultima Slicks, tubulars
Pedals	Not included
Crank	SunTour Superbe Pro Track, 49T
Chain	SunTour
Freewheel	SunTour, 15T
Bottom Bracket	SunTour Superbe Pro
Handlebars	Nitto Track, aluminum
Stem	Nitto TIG-welded CR-MO
Headset	SunTour Superbe Pro
Saddle	Flite, titanium rails
Seatpost	Kingsbery USA
Colors (codes)	Glacier Blue metallic (GLB)
Sizes	48, 50, 52, 54, 56, 58, 60, 63
Weight	17.5 lbs.

## TRACK FRAME GEOMETRY

Size (cm)	48	50	52	54	56	58	60	63	66 <sup>1</sup>
Seat Tube Angle (degrees)	76.00	75.00	75.00	74.50	74.50	74.50	74.50	74.50	74.50
Head Tube Angle (degrees)	73.00	73.50	74.00	74.50	75.00	75.00	75.00	75.00	75.00
Top Tube Length (cm)	49.53	51.56	53.03	54.46	56.09	56.20	56.95	59.07	61.19
Chainstay Length (cm)	38.32	38.32	38.32	38.32	38.32	38.32	38.32	38.32	38.32
Fork Rake (cm)	3.81	3.57	3.30	3.05	2.80	2.80	2.80	2.80	2.80
Bottom Bracket Height (cm)	29.02	29.02	29.02	29.02	29.02	29.02	29.02	29.02	29.02
Wheelbase (cm)	92.54	93.15	93.93	94.21	95.24	95.34	96.09	98.16	100.28
Trail (cm)	6.40	6.36	6.31	6.26	6.21	6.21	6.21	6.21	6.21
Ground to Top of Top Tube (cm) <sup>2</sup>	74.24	75.31	76.73	78.75	80.94	82.77	84.23	87.11	90.86

<sup>1</sup>Available as a frameset only.

<sup>2</sup>At middle of tube length.

In addition to complete bicycles, we also offer Cannondale framesets. Contact your authorized Cannondale retailer about custom-building your own Cannondale, or upgrading your existing components to a superior frame.



# TANDEM BICYCLES

Nowhere are the benefits of oversize aluminum tubing more evident than on tandems. Traditional chrome-moly tandems are imperfect at best: Their long, tandem-length tubes make the bikes heavy and highly susceptible to frame flex. Cannondale's tandem frames, made with lightweight, large-diameter aluminum tubes, weigh 25% less<sup>1</sup> and are dramatically more resistant to flex than chrome-moly frames. (To put this in perspective, consider that doubling a tube's diameter increases its flex-resistance a full 16 times.) Finally, the light weight and efficiency of our oversize tubing permits a longer rear top tube than those found on chrome-moly tandems for improved stoker comfort.

ular Force 40 Plus braking  
improved for easier set-up, firmer  
additional clearance, provides  
ore stopping power than standard  
ers. (All models also compatible  
um brakes.)

Long rear top tube provides a  
more comfortable ride for stoker.

Butted seat tubes provide extra strength  
near the top tubes and accommodate standard  
seatposts, but have a weight-saving thinner  
wall throughout the rest of their length.



weight cantilever dropout  
s our patented\*, replaceable  
railleur hanger for quick,  
nsive repairs of otherwise  
totalling" damage.

Patented\* wedge-anchored eccentric  
leaves bottom bracket shell intact and  
allows easy tension adjustment of the  
synchronizing chain.

Flex-resistant, large-diameter 6061-T6  
aluminum tubing is up to 30% lighter and far  
more flex resistant than the chrome-moly  
tubing found on most tandems.

<sup>1</sup>10 lbs. bare frame weight.  
<sup>2</sup>#4,808,147.  
<sup>3</sup>Available on 26" wheel models only.  
<sup>4</sup>#5,020,819.

Connecticut state time-trial record holder Doug Day stoking for Cannondale's  
own Rick Beasley. Doug and Rick captured the bronze medal in the 1992  
National Tandem Time Trial Championships. Photo by Neal Palumbo.

# MT3000

MOUNTAIN TANDEM BICYCLES





New Cannondale Mountain Tandem frame ⌘ Oversize  
Cannondale Pepperoni fork with titanium steerer ⌘ Mavic PSP  
231 rims with Ritchey Tom Slick 26 x 1.4" tires ⌘ Ritchey Logic  
Tandem crankset ⌘ CODA Competition handlebars, front, with  
Profile cow horn, rear ⌘ Control Stem, front and adjustable  
Control Tech stoker stem, rear



# MT2000

MOUNTAIN TANDEM BICYCLES



New Cannondale Mountain Tandem frame  Oversize Cannondale Pepperoni fork w/Chrome-moly steerer  Scott Self-Energizing cantilever brakes  TiG-welded chrome-moly stem, front, and adjustable Control Tech stoker stem  Araya VX-300 black anodized rims with Ritchey Tom Slick 26 x 1.4" tires

## MT3000 COMPONENT SPECIFICATIONS

Frame	Cannondale Mountain Tandem
Fork	Cannondale Oversize Pepperoni w/Titanium steerer
Rims	Mavic PSP 231 Argent, 40 hole
Hubs	Shimano Deore XT
Spokes	DT Swiss, stainless steel
Tires	Ritchey Tom Slick, 26 x 1.4", Kevlar bead
Pedals	Shimano Deore XT Competition
Crank	Ritchey Logic Tandem, 32/42/54, 38T timing
Chain	Shimano Hyperglide
Freewheel	Shimano Hyperglide, 13-30, 7-spd
Bottom Bracket	Shimano Deore XT
Front Derailleur	Shimano Deore XT
Rear Derailleur	Shimano Deore XT
Shifters	Shimano Deore XT, top-mount type
Handlebars	CODA Competition, 2017 aluminum front, Profile cow horns rear
Stem	Control Tech Control Stem, front, adjustable, rear
Headset	Tange-Seiki LP-1, with allen key lock
Brakeset	Scott Self-Energizing cantilevers
Saddle	Vetta SL, tubular CR-MO rails, leather cover
Seatpost	Control Tech Control Posts
Seatpost QR	CODA Slim-Cam
Extras	Cork handlebar tape, XYZ bar ends
Colors (codes)	Deep Indigo (IND)
Sizes	18/16, 20/16, 20/18, 22/18, 22/20
Weight	37.8 lbs.

## MT2000 COMPONENT SPECIFICATIONS

Frame	Cannondale Mountain Tandem
Fork	Oversize Pepperoni w/CR-MO steerer
Rims	Araya VX-300, 40 hole, black anodized
Hubs	Shimano Deore LX
Spokes	DT Swiss, stainless steel
Tires	Ritchey Tom Slick, 26 x 1.4", blackwall
Pedals	Tioga Surefoot VI, all-aluminum w/grease port
Crank	Sugino Fuse XD-5000, 32/42/54, 38T timing
Chain	Shimano Hyperglide
Freewheel	Shimano Hyperglide, 13-30, 7-spd
Bottom Bracket	Shimano Deore LX
Front Derailleur	Shimano Deore LX
Rear Derailleur	Shimano Deore LX
Shifters	Shimano Deore LX, top-mount type
Handlebars	Aluminum alloy front, Profile cow horn rear
Stem	TiG-welded CR-MO front, Control Tech, adjustable, rear
Headset	Tange-Seiki FOV-ST
Brakeset	Scott Self-Energizing cantilevers
Saddle	Vetta SL front, Lite Gel rear, tubular CR-MO rails, leather cover
Seatpost	Kalloy SP-248, titanium finish
Seatpost QR	CODA Slim-Cam
Extras	Cork handlebar tape
Colors (codes)	Diamond Black metallic fade to Iceland Green (EDG)
Sizes	18/16, 20/16, 20/18, 22/18, 22/20
Weight	39.9 lbs.

## MOUNTAIN TANDEM FRAME GEOMETRY MT3000, MT2000

Size	18/16	20/16	20/18	22/18	22/20
Front Seat Tube Angle (degrees)	75.30	74.10	74.10	72.00	72.00
Rear Seat Tube Angle (degrees)	75.30	74.10	74.10	72.00	72.00
Front Bottom Bracket Height (in.)	11.50	11.50	11.50	11.50	11.50
Rear Bottom Bracket Height (in.)	11.75	11.75	11.75	11.75	11.75
Chainstay Length (in.)	17.00	17.00	17.00	17.00	17.00
Head Tube Angle (degrees)	73.00	73.00	73.00	73.00	73.00
Fork Rake (in.)	2.10	2.10	2.10	2.10	2.10
Trail (in.)	1.78	1.78	1.78	1.78	1.78
Ground to Top of Front Top Tube (in.)	29.82	30.72	31.33	32.81	33.26
Ground to Top of Rear Top Tube (in.)	27.93	27.94	29.77	29.92	31.38
Effective Front Top Tube Length (in.)	22.00	22.70	22.90	23.90	23.90
Effective Rear Top Tube Length (in.)	28.00	28.00	29.00	29.00	30.00
Wheelbase (in.)	69.56	69.89	71.06	71.24	72.26

In addition to complete bicycles, we also offer Cannondale framesets. Contact your authorized Cannondale retailer about custom-building your own Cannondale, or upgrading your existing components to a superior frame.

# RT3000

R O A D T A N D E M B I C Y C L E

Cannondale Road Tandem frame with Tange all chrome-moly fork ☉  
Scott Self-Energizing brakes ☉ Control Stem, front, and adjustable  
Control Tech stoker stem ☉ Ritchey Logic Tandem crank ☉ Vetta  
SL saddles with tubular chrome-moly rails and leather covers ☉  
Profile Hammer handlebars





# RAY PATTERSON

"Tandem racing," explains Cannondale tandem owner Ray Patterson, "is the only sport that gives every blind person the opportunity to get into sports in a real way." Ray should know. As a blind tandem stoker, he competed in the Tour de France tandem race from 1985 through 1988. "All too often, handicapped athletes are shunted towards 'disabled' events, where they compete only against other handicapped athletes. Tandem racing allows blind athletes to compete against the very best athletes in their sport, without a competitive disadvantage."



Ray, who lost his eyesight at age three, has never let his blindness keep him on the sidelines. He has been an active participant in auto racing, kayaking, rock climbing, archery, swimming and golf. In 1981, Ray discovered tandem cycling. Since then, he and his wife Bobbi have worked tirelessly to promote tandem racing as a means to involve blind athletes in a mainstream sport. They have helped organize a series of tandem criteriums near their home in southern California, and they've also helped cycling clubs in Holland, Germany, Singapore, England, France, Los Angeles, San Diego and San Francisco obtain materials, cycle clothing and bicycles to aid in the development of their own tandem programs.

Ray and Bobbi continue their efforts to promote tandem racing. If his past accomplishments are any indication, Ray's future success is certain. In Ray's own words, "Quitters never win. Winners never quit."

COMPONENT SPECIFICATIONS	
Frame	Cannondale Road Tandem
Fork	Tange Oversize, all CR-MO
Rims	Chinook CRT 16 tandem, 40 hole, hard anodized, 700 c
Hubs	Shimano Deore XT
Spokes	15 gauge, stainless steel
Tires	Michelin Hi Lite Tour, 700 x 35 c
Pedals	Not included
Crank	Ritchey Logic Tandem, 32/42/54, 38T timing
Chain	Shimano Hyperglide
Freewheel	Shimano Hyperglide, 13-30, 7-spd
Bottom Bracket	Shimano Deore XT
Front Derailleur	Shimano Deore XT
Rear Derailleur	Shimano Deore XT
Shifters	Shimano Dura Ace, bar end type
Handlebars	Profile Hammer
Stem	Control Tech Control Stem, front, adjustable, rear
Headset	Tange-Seiki LP-1 w/allen key lock
Brakeset	Scott Self-Energizing cantilevers
Saddle	Vesta SL, tubular CR-MO rails, leather cover
Seatpost	Kalloy SP-248
Seatpost QR	CODA Slim-Cam
Extras	Cock handlebar tape
Colors (codes)	Formula Red w/Radiance Red Hyper-Highlight (RRH)
Sizes (inches)	21/19, 23/19, 23/21, 25/21, 25/23
Weight	38.2 lbs.

## ROAD TANDEM FRAME GEOMETRY

Size (in.)	21/19	23/19	23/21	25/21	25/23
Front Seat Tube Angle (degrees)	75.30	74.10	74.10	72.00	72.00
Rear Seat Tube Angle (degrees)	75.30	74.10	74.10	72.00	72.00
Front Bottom Bracket Height (in.)	10.75	10.75	10.75	10.75	10.75
Rear Bottom Bracket Height (in.)	11.00	11.00	11.00	11.00	11.00
Chainstay Length (in.)	17.00	17.00	17.00	17.00	17.00
Head Tube Angle (degrees)	73.00	73.50	73.50	73.50	73.50
Fork Rake (in.)	2.24	2.13	2.13	2.13	2.13
Trail (in.)	1.75	1.75	1.75	1.75	1.75
Ground to Top of Front Top Tube (in.)	30.58	31.05	31.79	33.12	33.82
Ground to Top of Rear Top Tube (in.)	28.52	28.53	30.51	30.53	32.52
Effective Front Top Tube Length (in.)	21.58	22.30	22.30	23.31	23.30
Effective Rear Top Tube Length (in.)	28.00	28.00	29.00	29.00	30.00
Wheelbase (in.)	68.85	68.85	69.84	69.97	70.98

In addition to complete bicycles, we also offer Cannondale framesets. Contact your authorized Cannondale retailer about custom-building your own Cannondale, or upgrading your existing components to a superior frame.

# CODA COMPONENTS

When we set out to manufacture our first bicycle, we were certain we could improve upon existing designs. Our CODA (Cannondale Original Design Application) components reflect this same attitude. Each CODA component offers a significant improvement over current "state of the art" parts, and each is subjected to the same criteria we apply to our other products: intelligent design, light weight and superior performance.

## CODA XYZ BAR ENDS (XYZ)

Our XYZ Bar Ends provide three different ergonomic hand positions, allowing you to increase leverage on the bike for more explosive sprinting, adopt a sleeker, more aerodynamic riding position, or vary your riding position to rest fatigued muscles. Named for their unique three-dimensional bend along an X, Y and Z axis, the anodized XYZ bar ends are constructed from a lightweight aluminum alloy and weigh just 225 g per pair. The XYZs are angled inward at the tips to reduce the chance of hooking them on brush, trees and slalom gates, and they can easily be trimmed to a shorter length if desired. External clamps ensure the XYZs fit virtually any handlebar.

Colors (codes): Ebony (EBO).

## CODA COMPETITION HANDLEBARS (A352)

Our Competition Handlebars weigh a scant 140 g and are crafted from rugged 2017 aluminum. The bars feature a six degree bend, and come with a tough, attractive anodized finish. Overall length of the bars is 580 mm, and they can easily be trimmed to accommodate different riding styles and preferences.

Colors (codes): Violet (VIO), Sterling silver (SIL).



## CODA TORPEDO GRIPS (A351)

Made from durable Kraton rubber, the CODA Torpedoes have a unique, patented ergonomic design that reduces hand and forearm fatigue. The grips have a larger circumference center (where your fingers are longer) and a thinner profile at both ends (where your fingers are shorter), to more accurately match the three-dimensional shape of your grip. The pair Torpedoes are open-ended for compatibility with most handlebars.

Colors (codes): Ebony (EBO), Violet (VIO).



## CODA SLIM-CAM SEAT BINDER/QUICK RELEASE (A353)

The 44 g Slim-Cam Seat Binder/Q.R. is made from lightweight aluminum and has a tough, anodized finish. The Slim-Cam features a low-profile design that won't interfere with your pedal stroke, and easy "no twist" cam-action operation. (Only available in 27.2 mm size.)

Colors (codes): Ebony (EBO), Ice blue (ICE), Sterling silver (SIL), Violet (VIO).



## CODA CANTILEVER BRAKES (A350)

Designed for easy side-to-side adjustment and pad replacement, CODA Cantilevers are cold forged from lightweight aluminum. (Together, the front and rear brakes weigh a mere 140 g, including all mounting hardware and pads.) They come equipped with Artec pads and feature an offset anchor bolt for easy set-up. Available in three anodized finishes.

Colors (codes): Ice blue (ICE), Sterling silver (SIL), Violet (VIO).

Don't take land access for granted. Mountain biking is a new sport, and your actions on your next ride will influence which trails will be open for bicycle use in the years to come. Minimizing skidding, avoiding muddy areas, and being courteous to hikers and equestrians are simple things we can all do on every ride to keep the land open to bicycles. And if you're feeling ambitious, voluntary trail maintenance and picking up others' trash will benefit everyone.

The International Mountain Bicycling Association (IMBA) has established these rules for good trail riding:

- Ride on open trails only
- Leave no trace
- Control your bicycle
- Always yield the trail
- Never spook animals
- Plan ahead

Remember, good trail habits are everyone's business. For more information contact IMBA at P.O. Box 412043, Los Angeles, CA, 90041. Or call IMBA at 1-818/792-8830.



*Slick Rock East. Jay Morris showing great faith in his brakes at Mt. Kearsarge, New Hampshire. Photo by David Brownell.*

14,736,950.

# CANNONDALE CYCLEWEAR: TECHNICAL



Cannondale cyclewear is crafted from fabric, thread and passion. A passion for high-performance cycling that motivated Cannondale apparel designer Alison Kellagher when she competed on the U.S. National Cycling Team, and now inspires her to create the ultimate in innovative, fashionable cycling apparel. This same intense passion is present throughout our company, and it drives the development and production of our entire clothing line.



*Apparel design begins with pattern making, where passion is translated into innovative, performance-oriented features: from elliptical — not round — sleeve openings that more closely match the shape of your upper arm to shorts with high-back/low-front waistlines for comfort in the normal forward-leaning riding position.*



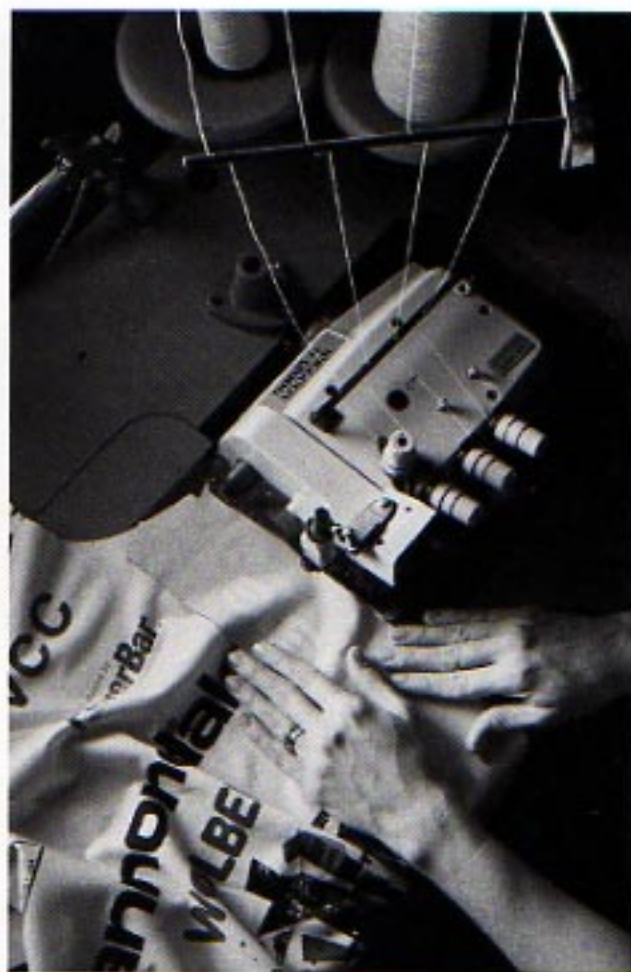
Fabric technology is undergoing a revolution, with large numbers of new high-tech synthetic materials — and universal claims of superior performance — debuting each season. We wade through the swatches, the literature and the claims to separate the legitimate innovations from the would-be imitations. Fabrics are then carefully matched with designs to ensure that each contributes to the performance of the other. Prototypes are then constructed

# FABRICS, QUALITY CONSTRUCTION



Prototype garments are thoroughly tested by our sponsored athletes and in-house riders.

Feedback from the various sources is analyzed and compared, and second (and perhaps third and fourth) generation prototypes are prepared and tested until every aspect of the finished garments meets with our approval.



All of our cyclewear is produced at the Cannondale factory in Bedford, Pennsylvania, the rural town southwest of Harrisburg where we've been making quality cycling apparel for more than a decade. Using a combination of meticulous hand-craftsmanship and state-of-the-art manufacturing technology, we apply the same passion invested in design, material selection and testing to the production of every Cannondale garment.



Our U.S. factory allows us to view product development as a never-ending process. Because our apparel is produced continually throughout the year, and not imported in one or two lump shipments, we can respond instantly to new insights, changes in the marketplace and feedback from our customers.

# TEAM ISSUE CYCLING APPAREL

Our cycling apparel is divided among four groups: the sleek, performance-oriented Team Issue™ line, the Velomax™ collection of top quality training garments, our collection of expertly tailored women's apparel and our A.T.W. line of comfortable, fashionable mountain biking garments.

Our top-of-the-line, racing-oriented Team Issue apparel employs the ultimate in high-tech fabrics, innovative, cycling-specific design, and aerodynamic "second skin" tailoring. The Team Issue garments share a unified, coordinated "team" look, with plenty of room left over for printing sponsors' logos.

*(Unless otherwise noted, all Team Issue garments come in small, medium, large and extra large sizes.)*



M356-TPR

## TEAM ISSUE VORTEX PRINT™ JERSEY (M356)

Our Vortex Print Jersey combines innovative **FIELDSENSOR™** fabric with aerodynamic Team Issue tailoring and our great looking Vortex sublimation print pattern. (To give your team a unified, coordinated look, we've used this same Vortex print on other Team Issue garments.) **FIELDSENSOR** uses a moisture-wicking, low density inner layer to draw moisture off your skin, and a moisture-dispersing, high-density outer layer for quick, cooling evaporation. The jersey is cut longer in back to overlap with cycling shorts, and it features a tapered, non-chafing collar with six inch zipper. Articulated sleeves, with an ergonomic, elliptical shape, fall naturally toward the handlebars, and three elastic closure rear pockets carry munchables or spare tube. The jersey has plenty of unprinted areas — on the chest, back, sides, shoulders and sleeves — for displaying sponsors' logos.

Colors (codes): Team Issue Vortex print (TPR).



M367-TPR

## TEAM ISSUE VORTEX PRINT SHORT (M367)

The perfect counterpart to our Vortex Print Jersey, this Team Issue short is highlighted by our Vortex sublimation print on the side of each leg. The Vortex Print Short is made from a satiny 6.2 ounce Ciré Lycra® fabric, and it features the comfortable, precise contouring of Team Issue tailoring, our patented, seamless **BioSuede™** chamois and quality eight panel construction. The short also has an angled high-back/low-front waistline that bends with you towards the handlebars, and **Soft-grip™** gripper elastic thigh bands to prevent the short from slipping up at the legs and bunching through the groin.

Colors (codes): Ebony with Team Issue Vortex print (TPR).



M390-VIO



# FABRIC GUIDE

**ARNEL TRIACETATE.** A pill and wrinkle resistant fabric with good stretch characteristics, Arnel Triacetate has an attractive, smooth outer surface and a comfortable, fleece-like inner surface. Arnel Triacetate is great at wicking moisture, is highly breathable and holds vibrant colors extremely well.



**DURAMAX™.** A beefy 10.5 ounce high denier nylon/Lycra. We use DuraMax for the tough, protective Flak Panels™ on our

Mountain Short. (The Flak Panels slide freely against the Mountain Short's underlying nylon/Lycra shell, reducing the risk of damage to short or rider in a fall.)

**FIELDSENSOR.** An innovative, high-tech fabric, FIELDSENSOR is unique in that the spaces between fibers decrease in volume as you move from the fabric's inner surface to its outer surface. The high-volume spaces near the skin quickly absorb moisture and transport it to the outer surface, where increased capillary action disperses the moisture for quick evaporation and cool, dry comfort.



**LYCRA.** Lycra is DuPont's® name for their spandex fabric. Like all Lycras, ours is a blend of Lycra and nylon. (We use quality Zefsport® nylon made by BASF.) Lower quality fabrics use as little as 10 to 12% Lycra, reducing the fabric's stretch and compromising the fit of the garments. We normally use a blend with 20% Lycra.

**ULTRA 7 SUPPLEX®.** Supplex is a high-filament nylon yarn combining a natural, cottony feel (or "hand") with the durability and performance of nylon. Our hefty, 6.5 ounce Ultra 7 Supplex is treated with Teflon® to boost its water and stain repellency.

Photo by Jeff Vibert.



M390-YEL

BG30-EBO  
(BG30 description  
appears on page 70.)

## TEAM ISSUE VORTEX PRINT SKINSUIT (M381)

The Vortex Print Skinsuit has all the design features of our Team Issue Vortex Print Skinsuit (featured on page 65) with the added appeal of the attractive Vortex print. We've cut the Vortex Print Skinsuit's fabric from a supple, lightweight poly/Lycra blend that takes printing better than a nylon/Lycra fabric, and we've eliminated the rear pocket to leave as much room as possible for your sponsors' logos. **Colors (codes):** Team Issue Vortex print top with ebony short (TPR).

## TEAM ISSUE WARM-UP JACKET (M390)

Soft and satiny on the outside with a comfortable fleece on the inside, our Team Issue Warm-up is made from pill and wrinkle resistant Arnel® Triacetate. Exceptional at breathing and wicking moisture, Arnel Triacetate also stretches well to comfortably fit a standard cycling jersey. The full-zip jacket features Team Issue tailoring for a trim, aerodynamic fit and sleeves "pre-bent" at the elbow to keep the jacket from pulling uncomfortably across the shoulders. The Team Issue Warm-up also comes with three elasticated rear pockets and a high, wind-blocking collar. **Colors (codes):** Ebony (EBO), Violet (VIO), Yellow (YEL).

## TEAM ISSUE FIELDSENSOR HEADBAND (C302)

Our FIELDSENSOR Headband is flat-stitched for comfort when worn under a helmet. Its terry lining is great at soaking up sweat, which the outer layer of FIELDSENSOR quickly disperses for cooling evaporation. Color coordinated to match many of the garments in our line.

**Colors (codes):** Red (RED), Team Issue Vortex print (TPR), Violet (VIO), Yellow (YEL).





M355-RED

M355-VIO

M355-YEL

*Photo by Neal Palumbo.*



M366-RED



M366-WHT



M366-YEL

**TEAM ISSUE™ SOLO BREAK SHORT™ (M366)**  
Our Solo Break Short is cut from a sleek, 6.2 ounce Ciré Lycra® blend. The fabric's Lycra content is a full 19% for excellent stretch, and it combines with our aggressive Team Issue tailoring and eight panel construction for a fantastic aerodynamic fit. The short features our precisely contoured, seamless BioSuede™ chamois for non-bunching comfort, and our high-back/low-front waistline for a great on-the-drops fit. Colorful logos coordinate with our Solo Break Jersey. Soft-grip™ gripper elastic thigh bands keep the short from slipping at the legs and bunching at the crotch.  
**Colors (codes):** Ebony with red logos (RED), Ebony with violet logos (VIO), Ebony with white logos (WHT), Ebony with yellow logos (YEL).

T E A M I S S U E C

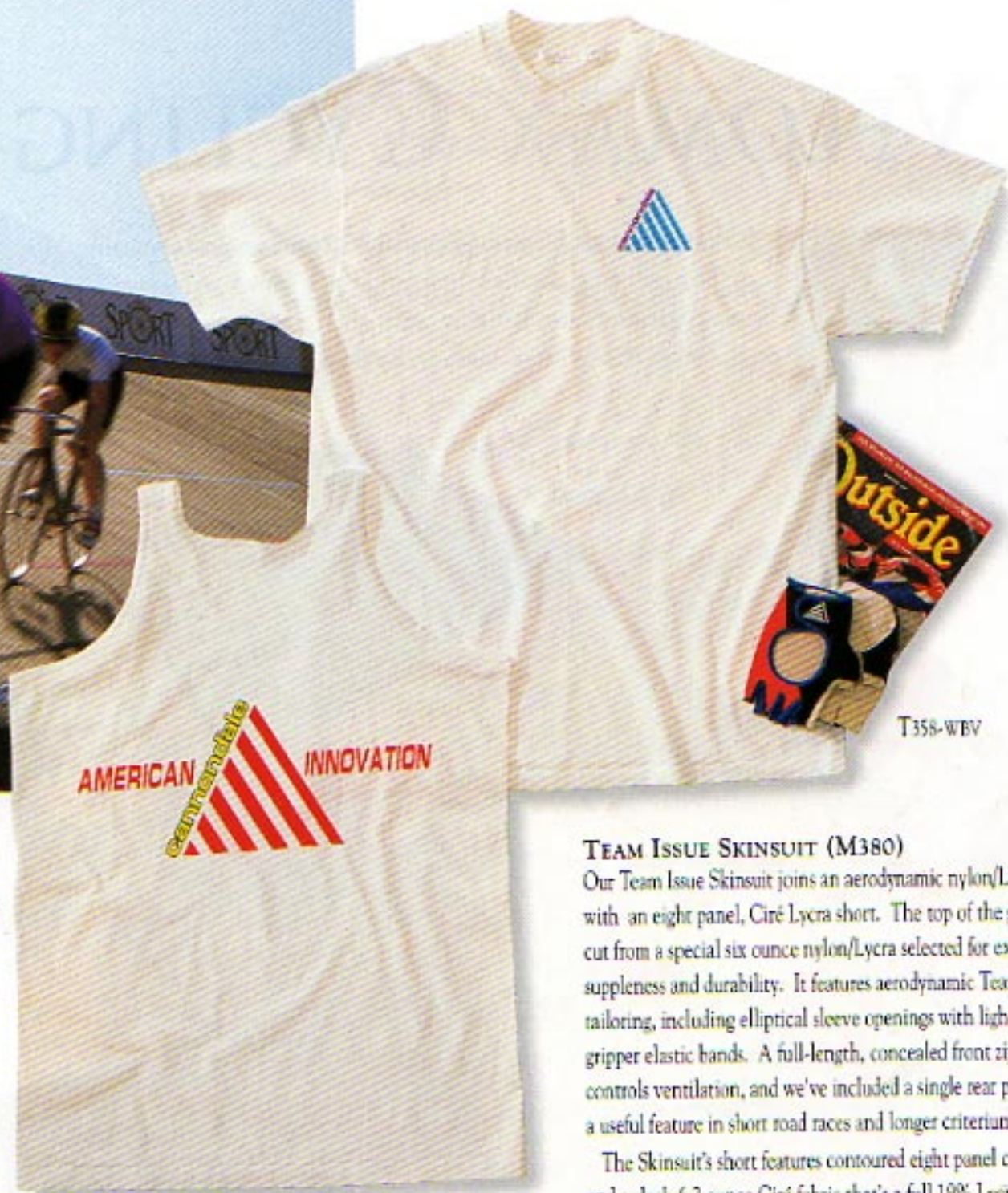




T359-WYR



M380-RED



T358-WBV

#### TEAM ISSUE SOLO BREAK JERSEY (M355)

Our Solo Break Jersey pairs innovative **IELDSENSOR™** fabric with high performance Team Issue tailoring. **IELDSENSOR** uses a low-density inner layer to wick moisture away from the skin, and a higher density outer layer to disperse the moisture for faster evaporation. Our Team Issue tailoring creates the closer, more aerodynamic fit desired for racing. The torso, for example, tapers more dramatically from chest to waist, and the sleeve openings are elliptical, not round, and feature a wide, comfortably snug cuff. Besides the tailoring, the jersey incorporates a host of cycling-specific features: A tapered, non-chafing collar with six inch zipper, three elastic closure rear pockets, forward-reaching sleeves, and a lower hem that's longer in back to overlap with cycling shorts. Your sponsors will also appreciate the Solo Break Jersey; its solid colors and specially designed shoulder panels offer plenty of room for displaying their logos.

**Colors (codes):** Red (RED), Violet (VIO), White (WHT), Yellow (YEL).

#### TEAM ISSUE SKINSUIT (M380)

Our Team Issue Skinsuit joins an aerodynamic nylon/Lycra top with an eight panel, Ciré Lycra short. The top of the garment is cut from a special six ounce nylon/Lycra selected for extra stretch, suppleness and durability. It features aerodynamic Team Issue tailoring, including elliptical sleeve openings with lightweight gripper elastic bands. A full-length, concealed front zipper controls ventilation, and we've included a single rear pocket — a useful feature in short road races and longer criteriums.

The Skinsuit's short features contoured eight panel construction and a sleek 6.2 ounce Ciré fabric that's a full 19% Lycra for exceptional stretch. Our seamless BioSuede chamois perfectly matches your anatomy for comfort in the saddle, and Soft-grip gripper elastic bands prevent the short from slipping up at the thigh to cause bunching and chafing through the groin.

**Colors (codes):** Red with ebony short (RED), White with ebony short (WHT), Violet with ebony short (VIO), Yellow with ebony short (YEL).

#### CANNONDALE LOGO TANK TOP (T359)

The breathable comfort of 100% cotton and the well ventilated feel of a sleeveless design are highlighted in our Logo Tank Top. The Tank Top's colorful logos and "American Innovation" graphics coordinate with a variety of other Cannondale garments. Not available in small. (Back shown in photo.)

**Colors (codes):** White with yellow and red print (WYR).

#### CANNONDALE LOGO TEE (T358)

Cut from hefty, 100% cotton, our Logo Tee displays our logo and an endorsement of American innovation. A comfortable, attractive shirt for on and off the bike, the Logo Tee is compatible with many of the garments in our clothing lines. Not available in small.

**Colors (codes):** White with blue and violet print (WBV).

# VELOMAX CYCLING APPAREL

Our Velomax™ Cycling Apparel is a broad line of top-quality, high-value, coordinating cycling garments. Crafted from innovative fabrics and jammed with cycling-specific features, Velomax garments are all highly breathable, great at wicking moisture, and supremely comfortable on the bike. (Unless otherwise noted, all Velomax garments come in small, medium, large and extra large sizes.)



**Zefsport**  
FROM NEW BRANDS  
M362-EB0

**BASF**



## **MERIDIAN™ FIELDSENSOR JERSEY (M353)**

FIELDSENSOR is a unique fabric designed specifically for wicking moisture. In addition to this high-tech fabric, the Meridian Jersey is also noteworthy for its ten inch Pro Length zipper, articulated raglan sleeves that won't bind or bunch, and a tapered collar that won't chafe your neck. The elasticized lower hem is cut a shade longer in back to overlap with your cycling shorts, and three elastic closure rear pockets carry PowerBars and other mid-ride essentials.

**Colors (codes):** Blue with white and violet contrasts (BWV), Yellow with white and red contrasts (YWR).

Zefsport® is a trademark owned by B A S F Corporation.

## **MERIDIAN EIGHT PANEL SHORT (M365)**

The perfect complement to our Meridian Jersey, our Meridian Short uses top-quality 8.4 ounce nylon/Lycra® in a contoured eight panel construction. The short also features our antibacterial synthetic chamois for reduced risk of infection, and our high-back/low-front waistline for full coverage in the normal cycling position. Soft-grip™ gripper elastic thigh bands hold the short's legs in place to prevent a painful bunching of material at the groin.

**Colors (codes):** Ebony with blue and violet contrasts (EBV), Ebony with yellow and red contrasts (EYR).

# CANNONDALE APPAREL DESIGNER ALISON KELLAGHER

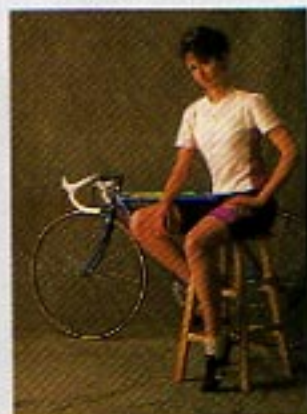
Some years ago, U.S. National Cycling Team racer Alison Kellagher came to an important realization: If she was ever going to wear cycling apparel that would live up to her expectations, she'd have to make it herself.

So she did, combining design and sewing skills with extensive racing experience to produce top quality, cycling-specific shorts and jerseys.

Requests for similar garments from friends on the racing circuit followed, and as word of Alison's talents spread, she began selling her creations at races out of the back of her Datsun 310.

That Alison would know what racers are looking for in apparel is hardly surprising. A top-level racer herself, Alison is a five-time New York State Road Race Champion. And she's competed successfully in many of the top events in the history of women's cycling, from the Coors Classic and the Orinda, to the World's and Olympic Trials. Alison has tackled apparel design with the same determination that made her a champion racer. Her desire to be the best brought her to New York's renowned Fashion Institute of Technology, where she expanded her knowledge of pattern making, design and fabric technology.

We finally persuaded Alison to come work for Cannondale in 1989. Although she's retired from competition, Alison still trains aggressively with friends, co-workers and her husband Bill, a Cat. II racer. And she still rides in clothing she's designed, although now her apparel is marketed through our catalog instead of her Datsun.



M351-BLU



M351-VIO



M362-WHT

## SIX PANEL/ANTIBACTERIAL LINER SHORT (M362)

This carefully contoured, six panel short is cut from 5.8 ounce nylon/Lycra. We've equipped it with an innovative antibacterial chamois that's backed with a 3/16" breathable foam pad in back and an absorbent terry panel in front. Specially treated to kill bacteria, the antibacterial chamois dramatically reduces the chances of infection. The short also features Soft-grip gripper elastic thigh bands and a high-back/low-front waistline for full coverage in back without binding or bunching in front. (Also available in XXL.)

Colors (codes): Ebony (EBC), Ebony with color-fade logos (FAD), Ebony with white "Cannondale" logo (WHT).

## APEX™ JERSEY (M351)

Our Apex Jersey is made from a blend of 25% cotton and 75% polyester. The cotton fibers are on the inner side of the fabric, against the skin, where they add comfort and absorb moisture. The outer layer of polyester disperses the moisture for rapid evaporation, helps hold the jersey's shape and reduces shrinkage. The Apex Jersey also features a host of cycling-specific details: Articulated sleeves that fall naturally toward the handlebars. A ten inch Pro Length zipper for ventilation. Three elastic closure rear pockets, and an elasticized, angled hem at the waist that's longer in back for a proper on-the-bike fit. (Also available in XXL.)

Colors (codes): Blue (BLU), Violet (VIO), White (WHT), Yellow (YEL).



## Design Features

1. Articulated sleeves are rotated to naturally "reach" forward to the handlebars.
2. Tapered collar won't chafe or irritate the sensitive skin under your chin.
3. Jerseys' trim, aerodynamic cut is longer in back for a generous overlap with cycling shorts.
4. Cycling shorts' angled waistline is cut higher in back for full coverage and lower in front to avoid bunching.
5. Seamless BioSuede and antibacterial chamois liners offer high-tech comfort. (Available on selected shorts.)
6. Comfortable Soft-grip gripper elastic thigh bands prevent the short from riding up at the legs and bunching painfully in the groin.

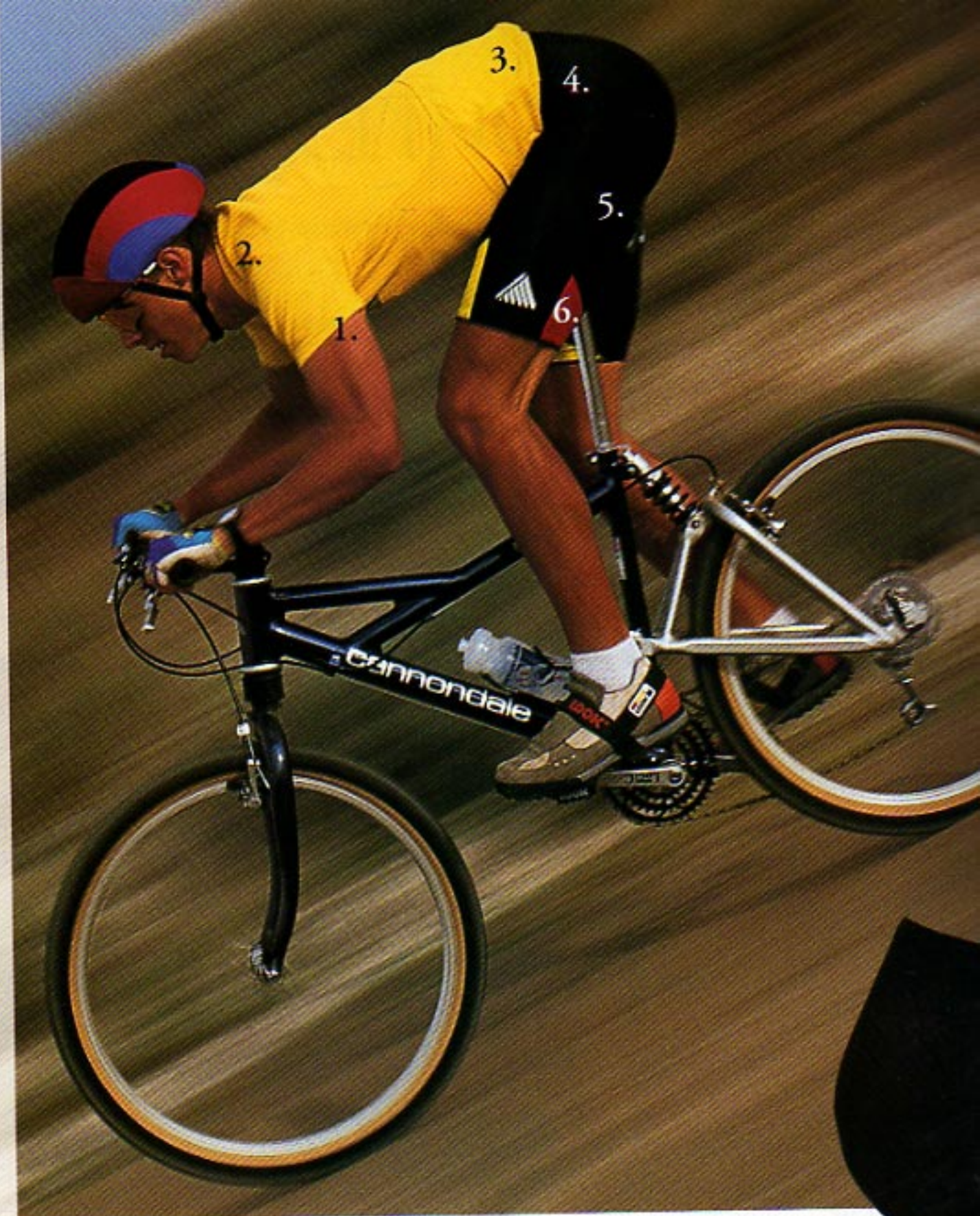


Photo by Scott Markewitz.

### EIGHT PANEL/ BIOSUEDE™ LINER SHORT (M369)

This short couples a fantastic fit with our patented BioSuede chamois. The glove-like fit is a function of eight panel construction, which allows more detailed contouring than a four or six panel design. Our seamless BioSuede chamois eliminates irritating seams while precisely matching your anatomy to prevent bunching and chafing. The short itself is cut from a beefy 8.4 ounce nylon/Lycra blend, and features our high-back/low-front waistline that provides plenty of coverage in back without bunching in front. Comfortable Soft-grip™ gripper elastic thigh bands prevent the short from riding up at the leg and bunching at the groin.

Colors (codes): Ebony (EBO), Ebony with white "Cannondale" logo (WHT).

Zefsport® is a trademark owned by B A S F Corporation.

### FOUR PANEL/Y-CUT LINER SHORT (M215)

Crafted from durable 5.8 ounce nylon/Lycra, our Four Panel Short provides the same contoured fit of many more expensive six panel shorts, thanks to innovative seam placement and precise pattern making. Our high-back/low-front waistline ensures plenty of coverage in back — and no bunching in front — when you're stretched way out on the drops. Soft-grip gripper elastic thigh bands prevent the short from slipping up at the thighs and bunching at the groin, and we've gone from last year's 1/8" synthetic chamois to a plush, breathable, 3/16" Y-cut liner for added comfort.

Colors (codes): Ebony (EBO).

M215-EBO

BASF

Zefsport®  
BY THE WAY



M350-YEL



M350-RED



M350-BLU



M364-EBO



M169-WHT



C301-RED



C301-YEL



C301-BLU

#### SIX PANEL/BIO-SUEDE LINER SHORT (M364)

A cycling short should match your anatomy as closely as possible, so it can move with you as you pedal instead of chafing against you. This particular short is contoured in two ways: The short's 7.5 ounce nylon/Lycra shell has six panel construction to accurately match the shape of your legs, waist and groin, and its BioSuede synthetic chamois is molded, not sewn, for precise contouring without the discomfort of seams and exposed stitching. A high-back/low-front waistline ensures that the short retains its fit when you're bent over at the waist, and Soft-grip gripper elastic thigh bands prevent the legs from sliding up at the thighs and bunching at the groin.

Colors (codes): Ebony (EBO).

#### SLEEVELESS POLY-MESH JERSEY (M350)

Pair 100% polyester mesh with a sleeveless design and you've got a great hot-weather jersey. Our Sleeveless Jersey features comfortable, non-binding arm holes and a tapered collar that won't harass your chin even when the ten inch Pro Length zipper is fully zipped. The jersey also has three elastic closure rear pockets and a slanted, elasticized waist hem that's longer in back to overlap with your shorts.

Colors (codes): Blue (BLU), Red (RED), Yellow (YEL).

#### HELMET COVER (C301)

We've updated our Helmet Cover with a more functional large-hole mesh fabric that boosts air-flow for better ventilation. Further improvement takes the form of the reflective logos we've added in back. Coordinates with many garments in our clothing lines.

Colors (codes): Blue (BLU), Red (RED), Yellow (YEL).



M361-RED



M352-YEL

BG30-YEL



**Zefsport**  
ESTABLISHED 1988

M203-EBO

**BASF**



M361-YEL

M352-BLU

**BIB SHORT (M203)**

A practical alternative for those who dislike the stretch waistbands found on standard cycling shorts. Instead of a waistband, the short is supported by straps and a high, Y-shaped back panel made from a comfortable, breathable, moisture-wicking polyester/Lycra® mesh. The Y-back, unlike the U-shaped back panels on other bib shorts, rests comfortably between your shoulder blades while preventing the straps from slipping off your shoulders. The short is cut from a 5.8 ounce nylon/Lycra blend and features six panel construction for a comfortable, contoured fit. A fleece-backed, seamless BioSuede™ chamois adds additional comfort, as do Soft-grip™ gripper elastic thigh bands that prevent the short from creeping up at the legs and congregating around your groin.

Colors (codes): Ebony (EBO).

*Ed Chauner feeling the burn at the top of a climb near Snowbird, Utah. A ski instructor during winter months. Ed is also an accomplished cyclist who runs mountain biking clinics and has co-authored a book on off-road riding technique. Photo by Dennis Coello.*

Zefsport® is a trademark owned by B A S F Corporation.

**ROAD GLOVES (BG30)**

Our new Road Gloves feature a more open design than most gloves for cooler, drier hands. We've enlarged the terry back panel used on last year's gloves, as it's proven to be an unparalleled mopper of brows. The pigskin-covered, shock absorbing, padded palms feature anatomically-oriented stitching that allows them to bend precisely where your hands bend. Hook-and-loop closure wrists provide a comfortably snug fit. (Also available in XS.)

Colors (codes): Blue (BLU), Ebony (EBO), Red (RED), Yellow (YEL).

M361-BLU



#### **PRESAGE™ POLY-MESH JERSEY (M352)**

Our Presage Jersey uses cool, airy polyester mesh for the main torso panels, stretchy nylon/Lycra side panels for a contoured, aerodynamic fit and a polyester/cotton blend for comfortable, moisture-wicking sleeves. This attractive jersey also has a non-chafing, tapered collar and a ten inch Pro Length zipper for ventilation control. The elasticized, angled bottom hem is longer in back/shorter in front for full coverage in back with no sagging in front. Three elastic closure rear pockets.

*Colors (codes):* Blue (BLU), Red (RED), Yellow (YEL).

#### **PRESAGE FOUR PANEL SHORT (M361)**

Made from 5.8 ounce nylon/Lycra, the Presage Short features meticulous four panel construction that rivals the fit of many six panel shorts. The Presage Short has a comfortable Y-cut chamois with a soft, 3/16" pad, our high-back/low-front waistline, and Soft-grip gripper elastic thigh bands that keep the short from slipping up at the legs and bunching at the groin. Color accents and screenprinting coordinate with our Presage Jersey.

*Colors (codes):* Ebony with blue screenprint (BLU), Ebony with red screenprint (RED), Ebony with yellow screenprint (YEL).

#### **REFLECTIVE PIPING SHORT (M363)**

Our Reflective Piping Short comes trimmed with highly reflective stretch piping and logos. Strategically placed for maximum visibility, these posterior pyrotechnics are made reflective by millions of tiny, mirror-coated microspheres that bounce light back to its source; usually the headlights of an oncoming car. Features all the same high performance characteristics found on our Six Panel Antibacterial Liner Short (page 67).

*Colors (codes):* Ebony with reflective piping (REF).

#### **MONDO LOGO™ JERSEY (M354)**

The Mondo Logo Jersey is made from a highly breathable, moisture-wicking, comfortable COOLMAX™ blend and comes emblazoned with a contemporary sublimation printed multi-logo design. The Mondo Logo Jersey has all the cycling-specific features you'd expect from a Cannondale jersey: articulated sleeves that "reach" toward the handlebars, a longer, full-coverage cut in back, a non-chafing tapered collar and three elastic closure rear pockets. (Not shown.)

*Colors (codes):* Cannondale print with logos (CAN).

#### **MONDO LOGO SHORT (M368)**

Cut from a sleek, 6.2 ounce Ciré Lycra fabric, our Mondo Logo Short is contoured with precise, eight panel construction. The short features sublimation printed side panels that match the print on our Mondo Logo Jersey. Less visible, but every bit as important, the Mondo Logo Short also has our ultra-comfortable, perfectly contoured seamless BioSuede chamois, an angled waistline that's higher in back for a gap-free, on-the-drops fit and Soft-grip gripper elastic thigh bands that prevent the short from slipping up the thighs and bunching at the groin. (Not shown.)

*Colors (codes):* Cannondale print (CAN).

# WOMEN'S CYCLING APPAREL

Our women's collection is based on the specific performance and sizing needs of female cyclists; We don't simply modify styling and colors of men's garments. During the course of its development, each garment is tested extensively for fit and performance until it meets with the enthusiastic approval of our in-house female riders. (Unless otherwise noted, all women's garments come in small, medium and large sizes.)



F351-RED



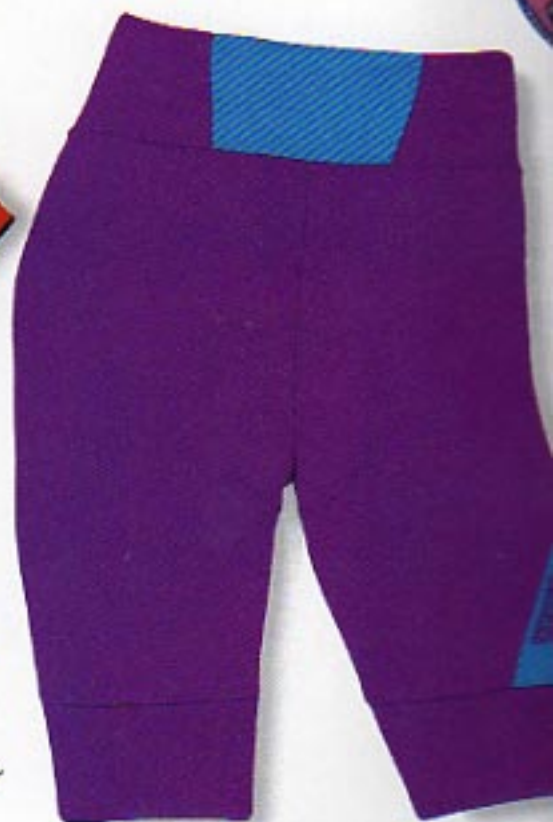
BG30-BLU  
(BG30 description  
appears on page 70.)



F361-ERE



F352-VBL



## WOMEN'S FIELDSENSOR™ JERSEY (F351)

Our Women's FIELDSENSOR Jersey combines intelligent design with FIELDSENSOR, an innovative fabric known for its remarkable ability to breathe and wick moisture. The jersey features articulated sleeves that fall naturally toward the handlebars for non-binding comfort. At the waist, the elasticized hem is cut longer in the back for full coverage when you're on the drops. At the neck, a nine inch zipper provides adjustable ventilation, and a tapered collar won't chafe your neck when the jersey's fully zipped. Three elastic closure pockets carry bananas, waterbottles and the like.

Colors (codes): Blue (BLU), Red (RED).

## WOMEN'S PCL SHORT (F361)

PCL is the comfortable, highly functional blend of polyester, cotton and Lycra used in the main panels of our Women's PCL Short. The polyester contributes durability and shape retention and wicks moisture. The cotton is comfortable and also wicks moisture, and the Lycra® provides excellent four-way stretch. The Women's PCL Short is also notable for its antibacterial hour-glass synthetic chamois that reduces the risk of infection. The short features a wide, comfortable PCL waistband and wide PCL thigh bands that hold the short in place while you're pedaling. Nylon/Lycra contrasts add stretch and colorful style.

Colors (codes): Ebony with red (ERE), Violet with blue (VBL).



## CHAMOIS LINER GUIDE



**BIDSUEDE™.** This patented<sup>1</sup> synthetic chamois is molded, not sewn, to exactly match anatomical contours. No irritating seams criss-cross the liner. Backed by a breathable, moisture-wicking pad for further comfort.

**MEN'S ANTIBACTERIAL.** Features an antibacterial synthetic chamois that reduces the risk of infection and cuts down on odors. Backed by a breathable, moisture-wicking 3/16" open-cell pad and thin tricot layer to reduce the risk of saddle sores. Absorbent terry front panel is backed by a thin, 1/8" moisture-wicking open-cell pad that adds support without bulk.

**WOMEN'S ANTIBACTERIAL.** Features the same antibacterial synthetic chamois fabric described above. Panel cut eliminates center seam, making it extremely comfortable for women. Under layer of lightweight fleece wicks moisture and is breathable. Side panels also of antibacterial fabric backed by 3/16" foam.



**BASIC Y-CUT.** Plush 3/16" open-cell pad beneath an outer layer of breathable, moisture-wicking synthetic chamois. A thin layer of tricot allows the liner to slide against the short's Lycra shell to reduce the risk of saddle sores. Used in selected men's models.

**ANTIBACTERIAL HOURGLASS CUT.** Hourglass shaped chamois is backed by lightweight, wicking fleece. Lighter antibacterial pad won't interfere with non-cycling sports.

**WOMEN'S PANEL CUT.** Similar to the Women's Antibacterial chamois liner, but the center panel is a combination of fleece underneath a moisture-wicking polyester. Side panels provide cushioning with durable synthetic chamois fabric backed by 3/16" foam.

#4,961,233.



F352-ERE



F351-BLU

F361-ERE



F362-VBL

### WOMEN'S HARMONY SHORT (F362)

The sleek look of 6.2 ounce Ciré Lycra is attractively highlighted in our Harmony Short against color-contrasting panels of six ounce nylon/Lycra. The short also features an innovative, women's antibacterial synthetic chamois that reduces the risk of infections. Soft-grip™ gripper elastic thigh bands prevent the short from sliding up at the legs and bunching at the groin. Colors (codes): Ebony with red (ERE), Violet with blue (VBL).

### WOMEN'S SPORT TOP (F352)

Our coolest top, the Women's Sport Top is crafted from PCL — a combination of long-wearing polyester, comfortable cotton and stretchy Lycra — and a contrasting nylon/Lycra blend for extra stretch. The Sport Top's Y-cut back contributes support and ease of movement, and its long torso cut provides full tummy coverage in the standard riding position. A breathable, built-in poly/Lycra bra adds support and wicks moisture, and a wide, comfortable lower hem holds the Sport Top gently in place.

Colors (codes): Ebony with red (ERE), Violet with blue (VBL).



F350-WHT



F350-VIO

**Zefsport**  
FROM THE BRAND

F360-EBO



**BASF**

F364-EBO



F364-FAD

F330-EBO



F330-PUR



**WOMEN'S SIX PANEL/  
BIOSUEDE™ LINER SHORT (F364)**

A precisely contoured women's short, thanks to the six panel construction of the 7.5 ounce nylon/Lycra® shell and our anatomic, seamless, one-piece BioSuede chamois. The Six Panel Short is also equipped with an angled waistline that's higher in back for a gap-free union with your cycling jersey, and Soft-grip™ gripper elastic thigh bands that prevent the short from creeping up at the legs and bunching painfully at the groin.

Colors (codes): Ebony (EBO), Ebony with fade screenprint logo (FAD).

Zefsport® is a trademark owned by BASF Corporation.



*Nationally-ranked telemark racer Terri Browne logging some cross-training miles outside of Park City, Utah. Photo by Scott Markewitz.*

#### **FOUR PANEL SHORT (F360)**

Pattern making and seam placement give our Four Panel Short the same contoured fit found on our six panel shorts. Cut from 5.8 ounce nylon/Lycra, it comes with our comfortable Women's Panel Cut soft-grip gripper elastic thigh bands that prevent the shorts from riding up at the legs. An angled, high-back/low-front design provides full coverage in back and a non-binding fit

Colors (codes): Ebony (EBO).

#### **WOMEN'S SLEEVELESS JERSEY (F350)**

The benefits of polyester (durability, stretch and shape retention) combine with the benefits of cotton (moisture-wicking, breathability and comfort) in this cool, sleeveless garment. A great choice for warm weather riding, this jersey features an elasticized angled hem at the waist that's longer in back for full overlap with your shorts. Arm holes are cut close to prevent head winds from ballooning the jersey around you, and a nine inch zipper controls ventilation. A non-restricting, tapered collar and three elastic closure rear pockets add comfort and cargo capacity, respectively.

Colors (codes): Violet (VIO), White (WHT).

#### **WOMEN'S A.T.W.<sup>™</sup> ADVANTAGE SHORT (F330)**

We've treated the six ounce Ultra 7 Supplex shell of our Women's Advantage Short with Teflon<sup>®</sup> for water and stain resistance, and equipped the short with a comfortably wide Ultra 7 waistband. Beneath the shell is a breathable, moisture-wicking, COOLMAX<sup>®</sup>/polypropylene inner brief. The brief's padded center section is substantial enough for comfortable cycling, yet light enough for active off-the-bike sports. The brief is sewn to the short at the waistband only, eliminating awkward seams across the front or back of the short. Two deep front pockets. Hook-and-loop closure rear pocket. (Also available in XL.)

Colors (codes): Ebony (EBO), Purple (PUR).

# ALL-TERRAIN WEAR

Our A.T.W.<sup>™</sup> (All-Terrain Wear) shorts provide several alternatives to conventional spandex cycling shorts. For full-tilt trail riding where crashing is more a question of when than if, the Flak Panel<sup>™</sup>-equipped DuraMax<sup>™</sup> Short is the answer. For a pair of fashionable shorts adaptable to both on-and off-the-bike pursuits, we offer the liner-less Denim Short (which can be worn alone or combined with the Padded Undershirt for comfortable cycling). We also offer two other styles of A.T.W. shorts that combine technical cycling-specific features with great off-the-bike looks. Our Ultra 7 Anorak, Mountain Gloves and 100% cotton tee round out the A.T.W. line. (Unless otherwise noted, all A.T.W. garments come in small, medium, large and extra large sizes.)



M218-PUR

M331-RED



M218-EB0

## A.T.W. MOUNTAIN GLOVES (BG31)

Our rugged Mountain Gloves feature DuraMax/terry/mesh construction on the back panels for durability, sweat absorption and ventilation. Reinforced with pigskin in high-stress areas, the gloves have hook-and-loop closure wrists and moderately light pads at the palm. The lighter pads bend easily, allowing you to hang on for dear life on hairy descents, and they're covered by palm panels of tough, protective Technora. Anatomically-oriented stitching across the palms lets the gloves bend easily with your hands. (Also available in XS.)

Colors (codes): Ebony (EBO).

Cannondale  
NO TRACE



BG31-EBO

M331-EBO

M331-PUR

(T394)

is cut from hefty, comfortable 100% cotton. se, non-binding fit for exceptional comfort, and ave No Trace™ graphic. Great on and off the bike. n small. leather grey with blue and red print (ATW).

# RainRide

Two summers ago, David Cassuto and John Fleming channeled their concerns for the plight of the South American rainforests into action. Outfitted with bikes and equipment donated by Cannondale, the two college students embarked on RainRide, a 3,000 km mountain biking expedition through northeastern Venezuela and Brazil to the Bolivian border. As envisioned by David and John, RainRide was to become a dramatic vehicle for raising funds and public awareness to combat the devastation of this rapidly vanishing wilderness.

During their three month trip, David and John worked hard to educate themselves about the complex issues surrounding the rainforest debate. They met with and learned the concerns of the areas' residents. They traveled with representatives of rubber tappers' unions, whose industry harvests a sustainable crop from the rainforest while struggling to preserve it. And they consulted with groups working to alleviate the wrenching poverty of the region.



The success of RainRide has been substantial. To date, the ride has raised several thousand dollars for Cultural Survival, a non-profit organization providing funds to grass-roots environmental groups in the regions through which David and John traveled. More importantly, the message of RainRide has now reached millions of Americans, through articles in publications ranging from local newspapers to USA Today, and from the IMBA newsletter to Rolling Stone and several cycling magazines.

For more information on RainRide, or to make a donation to Cultural Survival, please call RainRide at 812/825-9872, or write to 8295 Spicer Lane, Bloomington, IN, 47403.

## A.T.W. DENIM SHORT (M218)

While it can't match many of the new, non-organic fabrics for pure performance, 100% cotton denim retains a nearly universal appeal. For our Denim Short, we've selected a quality ten ounce, 100% cotton denim that's been stonewashed for a soft, comfortable hand and an aged, weathered look.

The short itself is liner-less, so it can be combined with our A.T.W. Undershirt for cycling, coupled with a supporter for three-on-three basketball, or worn with normal briefs while book browsing. The Denim Short features an elastic/drawcord waist, a pair of deep, free-hanging pockets in front, and a wallet-sized, hook-and-loop closure patch pocket in back.

Colors (codes): Ebony (EBO), Purple (PUR).

## A.T.W. NEW ADVANTAGE™ SHORT (M331)

Our New Advantage Short is actually two shorts joined together at the waist: a comfortable, full-service four panel Lycra® mesh cycling short on the inside and an attractive polyester/cotton short on the outside. Like other high performance cycling shorts, the breathable inner Lycra mesh short comes with Soft-grip gripper elastic thigh bands and a comfortable antibacterial hourglass chamois. The slightly stretchy outer short combines the good looks and comfortable feel of cotton with the durability and minimal shrinkage of polyester. The outer short also features a drawcord-equipped elastic waistband, two deep front pockets and a wallet-sized, hook-and-loop closure rear patch pocket.

Colors (codes): Ebony (EBO), Purple (PUR), Red (RED).



#### A.T.W. DURAMAX™ SHORT (M332)

Our Duramax Short offers an extra layer of protection in a crash, thanks to the beefy Flak Panels™ that extend down the side of each leg and around the lower thigh. Crafted from abrasion resistant 10.5 ounce DuraMax nylon/Lycra®, the Flak Panels slide freely and easily in a fall against the short's underlayer of 5.8 ounce nylon/Lycra, reducing the chance of damage to either your shorts or your legs.

Along with the double layer of nylon/Lycra at the legs, the short also features our unique Anti-slide™ waistband with Soft-grip™ gripper elastic in back and a front drawcord. The high-back/low-front Anti-slide waistband keeps the shorts from slipping down and forming a "web" across your crotch, leaving you free to move easily down and behind the saddle on steep descents. The Duramax Short also features our comfortable, infection and odor fighting antibacterial chamois, and Soft-grip™ gripper elastic thigh bands.  
**Colors (codes):** Ebony with DuraMax grey (DUR).

#### A.T.W. PADDED UNDERSHORT (M219)

A light, padded cycling liner with the natural comfort of 90% cotton and the four-way stretch of 10% Lycra, our Padded Undershirt converts your favorite gym shorts or sweat pants into functional cyclewear. Like our high performance nylon/Lycra shorts, the Padded Undershirt has an inseam extending to the lower thigh and a high-back/low-front waistline for full coverage in back without binding across the front. Light elastic seams at the waist and thighs hold the undershirt in place while you pedal, and a moisture-wicking polyester pad cushions you against road shock and saddle abrasion. For extra comfort, we've covered the pad with the same cotton/Lycra fabric used in the undershirt's main panels. The Padded Undershirt is particularly effective in combination with our Denim Short.  
**Colors (codes):** Ebony (EBO).



M219-EBO

#### A.T.W. ADVANTAGE™ SHORT (M330)

The Advantage Short calls to mind the fabled hunk that shouldn't be judged by its cover. While the casual observer might note the Advantage Short's attractive six ounce Supplex® outer shell (treated with Teflon® for resistance to wind, water and stains), a full appreciation of the short is impossible without examining what's inside.

Suspended within the short is a functional, padded brief of breathable, moisture-wicking tricot. A comfortable, lightweight COOLMAX/polypropylene pad is confined to the center section of the brief for minimal bulk. And to avoid unsightly seams across the front and back of the short, we've used the existing seams along the drawstring/elastic waistline to attach the brief to the short. The Advantage Short features two deep front pockets and a hook-and-loop closure patch pocket in back.  
**Colors (codes):** Ebony (EBO), Purple (PUR), Red (RED).



#### ULTRA 7 ANORAK (M306)

Made from beefy 6.5 ounce Ultra 7 Supplex (treated with water and stain repellent Teflon<sup>®</sup>), our Ultra 7 Anorak is both functional cyclewear and an attractive, casual shell. Cut with a tapered, contoured fit, the anorak features a unique side zipper to simplify getting it on and off. To keep cold air at bay and warm air trapped inside the jacket, an adjustable Ultrasuede<sup>™</sup> tab secures the jacket at the waist. Elastic cuffs seal the wrists. In front, a large hook-and-loop closure kangaroo cargo pocket is backed by two handwarmer pockets. Attractively detailed with leather Cannondale barpole logo, chameleon logo and Ultrasuede accents. (Also available in XXL.)

Colors (codes): Ebony with khaki olive accents (EBK), Eggplant purple with true blue accents (PUR), New red with eggplant purple accents (REP).

*Ski instructor Tim Walker experiencing a new kind of deep powder. Great Sand Dunes National Monument, Colorado. Photo by Tim Brown.*

# CANNONDALE ACCESSORIES



At the heart of every Cannondale accessory is an innovative design. Some are "first of their kind" products, conceived in the field and first sketched on the back of a trail map. Others are existing concepts creatively adapted to cycling; like trailers, duffel bags and portable coolers.

We view product design as an ongoing process. Products are continually improved through our own evolving insights and feedback from our customers and sponsored athletes.



*Innovative design creates a functionally superior product, but it does little to ensure that the product lasts a lifetime. For enduring quality, we select the finest materials available and match them intelligently to the tasks at hand. Materials like 500 denier Cordura<sup>®</sup> which provides a more watertight weave than 1000 denier cloth.*



New designs and materials are first combined in prototypes, then subjected to cruel and unusual punishment by a cadre of hard product testers: our employees, sponsored athletes. Past tests include high-speed mountain biking on railroad tracks to test bag mounting systems, and trailer testing on singletrack (with the trailer designers on-board as potential test crash dummies). Where appropriate, additional rounds of prototypes are assembled and tested before production.



# N O V A T I V E B Y D E S I G N



production is centered around

Philipsburg, Pennsylvania, manufacturing

Opened in 1991, the Philipsburg

like our Bedford, Pennsylvania, factory.

by a highly skilled team committed to

the very finest in quality, hand-crafted

products.



Every Cannondale product is carefully inspected for flaws in materials and workmanship before it leaves the factory. But our commitment to our products and our customers doesn't stop at the factory door. Should you have questions, comments, or complaints about the performance of any Cannondale product, our team of Customer Service Specialists is available toll-free at 1 800 BIKE USA. Or you can write to us at Cannondale Corporation, Friendship Road, RD 7, Bedford, PA, 15522.



Every Cannondale accessory is produced here in

America. We mention our U.S. pedigree because it

contributes to the quality and performance of our

accessories. Our domestic factories improve our

ability to make running improvements to existing

products, bring innovative new products to market

quickly, and monitor quality control.

# CYCLING BAGS

Every Cannondale bag is constructed from waterproof 500 denier Cordura® nylon. We've found the lighter fibers in lesser fabrics lack abrasion resistance. The bulkier fibers in higher denier fabrics are too large for the requisite tight weave, and can allow water to penetrate the fabric. We also give considerable attention to details ranging from bar tacking in high stress areas to the thread used to sew the bags together; a cotton-wrapped, poly-core filament that swells when wet to help prevent water seepage through the needle holes.



B105-OLI

## TREE LINE™ HANDLEBAR BAG (B105)

The Tree Line Handlebar Bag attaches securely to your handlebars and is designed to provide an unobstructed view of your front wheel's immediate trajectory. (A nice feature when picking your way through technical stuff or along a sheer drop-off.) On top of the bag's 175 cu. in. main compartment is a hook-and-loop closure mesh pocket. At the bag's base, a fabric channel accommodates brake cables to keep their routing and operation smooth and efficient. The main compartment is foam-lined to minimize cargo noise, and an expandable front pocket provides an extra bit of cargo space.

Colors (codes): Desert tan (TAN), Ebony (EBO), Moss olive (OLI), Violet blue (VBL).

## REAR CARRIER RACK (BR85)

Our lightweight aluminum rear rack tickles the scales at less than 300 g, yet provides a stable, sturdy platform for panniers, rack trunks and other cargo. Welded for strength, the rack features our exclusive one-bolt adjustment and a tough powder coated finish.

Colors (codes): Ebony (EBO), High-bo silver (SIL), Red (RED), White (WHI).



B106-RED

## EXPANDER™ MOUNTAIN SEAT BAG (B106)

Our Expander Mountain Seat Bag starts a morning ride with 90 cu. in. capacity, then expands to 125 cu. in. to hold tights or anorak as the day warms up. Innovative Seat Cleat/Post Clip mounting ensures hassle-free attachment. A drawstring/cordlock closure lets you over-stuff the bag, and it's covered by a hook-and-loop closure mud flap that cinches down to keep tools and assorted wiggits from bouncing loudly while under way.

For further noise avoidance, we've lined the bag with soft foam padding.

Colors (codes): Desert tan (TAN), Ebony (EBO), Moss olive (OLI), Red (RED), Violet blue (VBL).



B117-OLI

## MOUNTAIN SEAT BAG (B117)

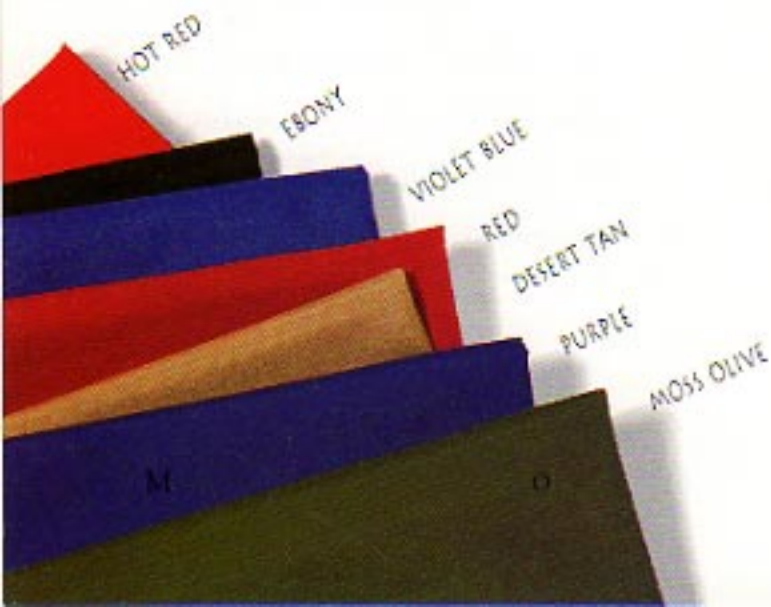
Stuff your patch kit, tire levers and car keys in the Mountain Seat Bag and you'll still have room for a jumbo Granola bar. This 50 cu. in. capacity bag mounts easily with Seat Clip convenience. A drawstring/cordlock closure allows for easy stuffing, and a handy hook-and-loop closure mud flap keeps mud out of the bag. The mud flap also functions as a cinch along with a padded lining, keeps the bag's contents secure as you bounce down the trail.

Colors (codes): Desert tan (TAN), Ebony (EBO), Moss olive (OLI), Red (RED), Violet blue (VBL).

## HARD-LINER™ RACK TRUNK/COOLER (B206)

The Hard-Liner is extremely versatile, thanks to its rigid, waterproof, insulated liner. In addition to its duties on the bike, it's a functional cooler or camera case off the bike. The outside of the bag is equipped with two stretch mesh side pockets and nylon web carrying handles. This year we've also added a U-lock pocket on top. Sturdy snaps secure bag to liner allowing the removal of the liner for cleaning, yet preventing the opened bag from collapsing around it.

Colors (codes): Desert tan (TAN), Ebony (EBO), Moss olive (OLI), Red (RED), Violet blue (VBL).



### PORTAGE POUCH™ (B203)

The Portage Pouch combines the convenience of a seat bag with the comfort of a portage strap. Three pockets hold a variety of essentials. A zippered top pocket accommodates a spare tube or tools. The zippered main compartment holds PowerBars® or other nutritionals, and an outer mesh pocket is the perfect stash point for a trail map. The 65 cu. in. capacity Pouch features secure, three-point hook-and-loop mounting and a padded shoulder strap for pain-free portaging.

Colors (codes): Desert tan (TAN), Ebony (EBO), Moss olive (OLI), Red (RED), Violet blue (VBL).



B203-VBL

### SHERPA™ FANNYPACK (B204)

The Sherpa's roomy 150 cu. in. main compartment is foam lined for shape retention and to prevent kidney abuse from oddly shaped cargo. Inside, an elastic strap secures a spare waterbottle or camera lens. Outside, cinch straps hold the bag's contents in place, and a panel of large-hole mesh provides cooling ventilation between your lower back and the bag. A small zippered back pocket is fine for keys, cash and other small stuff. The quick-release waistbelt buckle is located off-center, and won't jab your abdomen as you bend forward to grab the bars.

Colors (codes): Desert tan (TAN), Ebony (EBO), Moss olive (OLI), Violet blue (VBL).



04-TAN

BR85-SIL

### MOUNTAIN RACK (BR86)

Mountain Rack is constructed of rugged aluminum tubing and features tough, 360 degree welded and riveted construction. The rack's wide, rigid deck is a stable platform for rack trunks or cargo, acts as a fender to block mud, and prevents spray flying up off your rear. Along each side of the deck, reinforced side rails permit full engagement of fender hooks for secure attachment. The Mountain Rack also features our exclusive one-bolt mounting and plenty of clearance for wide, mud-caked mountain bike tires.

Colors (codes): Ebony (EBO), High-ho silver (SIL), Hot (HOT), White (WHI).



BR86-HOT

BR82-EBO

### LOW-RIDING FRONT PANNIER RACKS (BR82)

Our aluminum Low-Riding Racks center your panniers' weight around your bike's head angle (not around the hub) for more balanced steering and superior control. Each rack sandwiches the fork blade, attaching from both sides for solid, sway-free mounting of loaded panniers.

Colors (codes): Ebony (EBO), High-ho silver (SIL).

## THE SEAT CLEAT/POST CLIP ATTACHMENT SYSTEM

"...one of the best we've seen...eliminates cumbersome straps and buckles."

-Bicycling

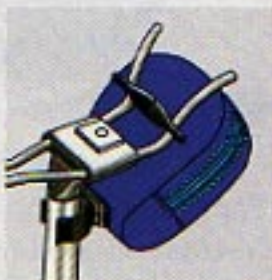
"We're amazed it took this long to be invented."

-Mountain Bike Action

Few products have met with such unanimous acclaim as our elegantly simple Seat Cleat seat bag attachment system, the plastic wedge that mounts Cannondale seat bags to saddle rails with an easy twist (patent pending).

Last year we took the Seat Cleat concept a step further by adding the Post Clip, another rock-solid mounting device with "pop-on" convenience. (The Post Clip does away with the hook-and-loop straps that previously secured the bag to the seatpost.) We've improved the Post Clip for '93 by molding it from a more flexible material that increases both its "wrap" around seatposts and the range of seatposts with which the Post Clip is compatible.

To mount a Seat Cleat/Post Clip seat bag, simply twist the Seat Cleat into place over the saddle rails. Line-up the open end of the Post Clip with the seatpost, and push forward until the Post Clip pops into place.



(Saddle cover not illustrated for demonstration purposes. No saddle disassembly required.)



B905-TAN



**TOOT SEAT/HANDLEBAR BAG (B905)**

One of our first bags, the Toot was named for our beginnings in an old railroad station — long before the word became linked to recreational pharmaceuticals. This versatile bag mounts on either saddle rails or handlebars, and offers 160 cu. in. of cargo space for patch kit and tire levers with room left over for a substantial lunch. Quick access to contents is provided through a rigged, wrap-around YKK zipper.

Colors (codes): Desert tan (TAN), Ebony (EBO), Moss olive (OLI), Red (RED), Violet blue (VBL).

**MINI WEDGE SEAT BAG (B116)**

Our Mini Wedge is a diminutive classic, offering 25 cu. in. of capacity for cash, keys, patch kit and tire levers. The bag attaches neatly to your bike with Seat Cleat/Post Clip mounting. Inside the bag, an elastic strap holds your gear in place for rattle-free riding.

Colors (codes): Ebony (EBO), Ebony with hot red (EBR), Moss olive (OLI), Red (RED), Violet blue (VBL).

*Liberated in more ways than one, Rod Holmes prepares breakfast for himself and wife Laura near Daman, Nepal. Former members of our accounting department, Rod and Laura have been cycling the world since bidding us farewell in 1989. Photo by Laura Holmes.*

**COMP WEDGE SEAT BAG (B118)**

With 50 cu. in. capacity, the Comp Wedge can stow a spare tube and assorted other gear. The Seat Cleat and Post Clip make mounting the Comp Wedge a snap, and an internal elastic strap keeps the bag's contents from rattling with every bump. Colors (codes): Ebony (EBO), Ebony with hot red (EBR), Moss olive (OLI), Red (RED), Violet blue (VBL).

B118-EBR



B116-VBL

B104-OLI

**OASIS™ SEAT BAG (B202)**

Great for long training rides, the Oasis keeps chilled and ready in an insulated, drawstring pocket. A zippered exterior pocket fits a spare iron, while a small exterior mesh pocket keeps spare change. Mounts securely with hook.

65 cu. in. capacity. Colors (codes): Desert tan (TAN), Ebony (EBO), Red (RED), Violet blue (VBL).

B202-TAN



### AERO BAR BAG (B201)

The Advantage with a versatile hook-and-loop top for compatibility with a wide range of aero bars. A low-profile, aerodynamic shape and a spacious main compartment for snacks, tools and more. A mesh fabric outer pocket is perfect for smaller items.

Colors (codes): Desert tan (TAN), Ebony (EBO), Red (RED), Violet blue (VBL).

B201-VBL



### CANNYPACK (B104)

The Cannypack features 65 cu. in. capacity in its main compartment, complemented by a small, zippered mesh top pocket. An off-release waistbelt buckle won't dig in at your navel when stretched out on the drops.

Colors (codes): Desert tan (TAN), Ebony (EBO), Moss olive (OLI), Violet blue (VBL).

B108-OLI



B907-EBO

### WHISTLESTOP™ HANDLEBAR BAG (B907)

This sleek, compact handlebar bag features our patented quick-release mounting system that's perfect for both road and off-road riding. The Whistlestop features 250 cu. in. capacity, and is topped with a convenient carrying strap.

Colors (codes): Desert tan (TAN), Ebony (EBO), Moss olive (OLI), Red (RED), Violet blue (VBL).



A

B

B111-VBL



### FASTBACK™ BACKPACK (B111)

The Fastback Backpack's modified teardrop shape keeps cargo low and over your hips for stability. The tapered shape also permits an unobstructed, over-the-shoulder view for left turns across traffic. The pack's back panel is cut from a cooling, ventilating mesh fabric, and the bag's "scooped" bottom exposes your lower back for extra ventilation.

In addition to the roomy 775 cu. in. main compartment, the Fastback comes with two stretch mesh side pockets (perfect for waterbottles) and a small zippered key pocket. In back, an outer pocket expands to reveal a reflective gusset visible from behind and to either side.

Colors (codes): Desert tan (TAN), Ebony (EBO), Moss olive (OLI), Violet blue (VBL).

### EXPANDER WEDGE SEAT BAG (B108)

#### EXPANDER WEDGE WITH STRAP ATTACHMENT (B109)

Open a zippered gusset on our Expander Wedge and it goes from a 100 cu. in. bag to 150 cu. in., allowing you to enlarge or shrink the bag as needed. Two mesh fabric side pockets, with hook-and-loop closure, are handy change or key receptacles. Available with Seat Cleat/Post Clip mounting, or retro-grouch hook-and-loop straps.

B108 Colors (codes): Ebony (EBO), Ebony with hot red (EBR), Moss olive (OLI), Red (RED), Violet blue (VBL).

B109 Colors (codes): Desert tan (TAN), Ebony (EBO), Moss olive (OLI), Red (RED), Violet blue (VBL).

### COMP WEDGE FLAT FIXER SEAT BAG (B210)

We've added a full patch kit and three tough tire levers to our Comp Wedge seat bag, creating a handy first aid package for punctures. An internal elastic strap secures the patch kit and tire levers inside the bag to keep them from rattling around when not in use. 50 cu. in. total capacity leaves room for extra gear.

Colors (codes): Ebony (EBO), Moss olive (OLI), Red (RED), Violet blue (VBL).



B210-RED

G

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### TRESTLE™ HANDLEBAR BAG (B208)

The Trestle's main compartment holds a full 560 cu. in. of gear, while a top pocket, front expander pocket and two stretch mesh side pockets are great for smaller items like snacks, a small camera, or the latest from Stephen King. Inside, an internal support frame holds the bag's shape and spreads the weight of the contents to reduce stress on the seams. Detachable, zip-lock closure map case and shoulder strap included. Suitable for on-road and off-road use. Patented quick-release mounting.

Colors (codes): Desert tan (TAN), Ebony (EBO), Moss olive (OLI), Red (RED), Violet blue (VBL).

B209-VBL



### CROSSROADS™ HANDLEBAR BAG (B209)

Our Crossroads Bag offers 560 cu. in. of capacity, allowing you to bring along cameras, sweatshirts and gourmet lunches too bulky to fit into a seat bag. The Crossroads comes with our patented quick-release mounting system that lets you pop the bag off the bike with the push of a button, and an internal support frame that reduces stress on the bag's seams and prevents it from sagging. Two stretch mesh side pockets and a detachable zip-lock closure map case add to the Crossroads' convenience.

Colors (codes): Desert tan (TAN), Ebony (EBO), Moss olive (OLI), Red (RED), Violet blue (VBL).



B120-EBO

B208-TAN

### OVERLAND™ PANNIERS (B120)

Perfect for a cross-country odyssey, the Overlands hold a full 1,250 cu. in. of gear in each bag. Our patented support frames hold the bags' shape and spread the weight to avoid stress at the seams. They also form a handy base for securing tents and sleeping bags. (With easy side zippers, there's no need to unload the top portion inside the panniers.) The Overlands also feature our patented mounting system, a mesh side pocket and three other pockets per side, including one that converts into a roll-top for excursions away from the bike.

Colors (codes): Desert tan (TAN), Ebony (EBO), Moss olive (OLI), Red (RED), Violet blue (VBL).

### EXPRESS™ PANNIERS (B211)

Our Express Panniers are great for commuting or day trips when you need extra cargo capacity. Built along the lines of traditional saddlebags (the kind that hang to either side of a horse), the Express Panniers feature two large pockets per side; one elastic-topped compartment for pens, calculator and the like, and a larger area for books, papers and/or laptop computer. Rigid polyethylene stiffeners hold the bags' shape, and hook-and-loop closure flaps adjust to snug down smaller loads. High-visibility reflective stripes highlight the back of each bag, and the two panniers snap together when off the bike for easy carrying. Shoulder strap included.

Colors (codes): Desert tan (TAN), Ebony (EBO), Olive (OLI), Red (RED), Violet blue (VBL).

### CABOOSE RACK TRUNK/COOLER (B113)

The Caboose's rigid, waterproof, insulating liner makes it a smart way to haul everything from your favorite Nikon to a few well-iced, post-ride Atlantic Ambers.® It can, of course, also carry cycling gear, and mounts easily to rear racks with hook-and-loop straps. A total of six outer pockets (a U-lock pocket, two stretch mesh waterbottle pockets, and three small cargo pockets) add capacity and versatility. Adjustable carrying handle included.

Colors (codes): Desert tan (TAN), Ebony (EBO), Moss olive (OLI), Red (RED), Violet blue (VBL).



B211-OLI



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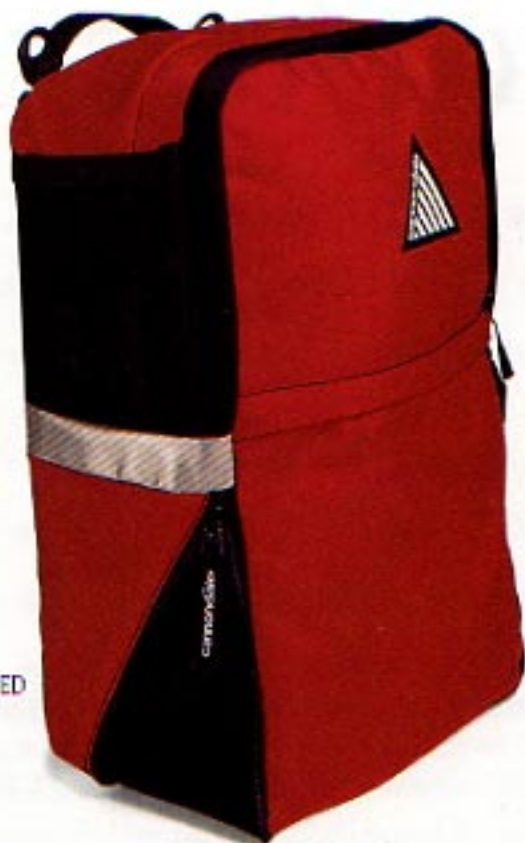
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**EXPANDER FRONT/REAR PANNIERS (B119)**  
 At home on front or rear racks, our Expander panniers  
 99 cu. in. of cargo space that can zip down to 400 cu. in. to  
 rear snug and stable against the bike. The Expanders feature  
 ing mounting system, rigid internal frames (similar to those  
 Overlands) and two mesh outer pockets per pannier.  
 (codes): Desert tan (TAN), Ebony (EBO), Moss olive (OLI), Red  
 Violet blue (VBL).



B119-RED



B205-OLI

**JUNIOR DUFFEL (B205)**  
 The Junior Duffel has 900 cu. in. of carrying capacity separated  
 into several compartments that allow you to intelligently sort  
 your gear. The zippered main compartment holds larger, bulkier  
 items. A second zippered compartment, at the end of the bag, is  
 sized to hold a helmet. Two elastic mesh pockets at the opposite  
 end hold waterbottles, and an exterior mesh side pocket, with  
 hook-and-loop closure, is great for keys, cycling gloves, wallet  
 and other small items. Shoulder strap included.  
 Colors (codes): Ebony (EBO), Moss olive (OLI).

**DUFFEL (B207)**  
 And, our Cyclist's Duffel is designed to accommodate  
 At one end, a large zippered compartment stashes a  
 the other end, stretch mesh pockets stow waterbottles  
 (void leaking). The large 1,600 cu. in. main chamber  
 and other more cumbersome paraphernalia. To  
 the main chamber, and with its own  
 laundry compartment that's  
 oddy mountain biking shoes. A  
 compartment can carry papers  
 e, cycling gloves or every  
 bag ever published. On  
 prior, a large, hook-and-  
 mesh side pocket carries  
 or wallet.  
 Ebony (EBO), Moss



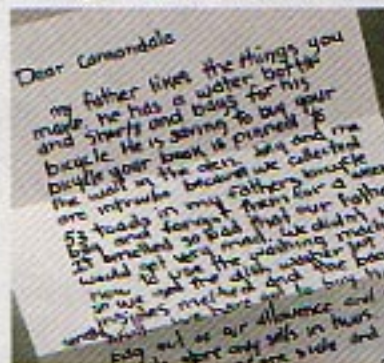
B207-EBO

## THE GREAT TOAD MASSACRE

Although we design and build our bags to withstand every conceivable hardship, from zealous overstuffing to various extremes of weather, our customers still occasionally test the bags in wholly unanticipated ways. Our favorite story of abuse involves one of our panniers, and was detailed in the following letter sent to us by a somewhat angry young woman. (To capture the true spirit of the letter, we've left the typo's intact.)

Dear Cannondale

My father likes the things you make. He has a water bottle and shorts and bags for his bicycle. He is saving to buy your bicycle your book is pinned to the wall in the den. Joey and me are introube because we collected 53 toads in my fathers bicycle bag and forgot them for a week. It smelled so bad that our father



would get very mad. We didn't no how to use the washing machene so we used the dish washer but the insides melted and the bag still smells afull. We have got to buy him another bag out of our allowance and the bicycle store only sells in twos. Could you sell us just one side and how much will it cost

Jennifer Inano

p.s. I think you should put a lable on the bag to not wash in dishwashers.

**Postscript:** After contacting Jennifer's father and verifying the gruesome details of her story, we were happy to get her and brother Joey off the hook by supplying a replacement pannier at no charge.

# CYCLING ACCESSORIES

BH03-BLU,  
BH60-JUN

BHRTT-WHI

BH05B-WHI

BH85-YEL

BH02-RED,  
BH55-SIL

## FAST GRIP™ WRAP MOUNT (BH05) AND BRAZE-ON MOUNT (BH05B) WATERBOTTLES

Our two Fast Grip waterbottles hold a full 25 ounces of your favorite refreshment. Each features a convenient wide mouth for easy cleaning and ice cube insertion, and both offer the hassle-free operation of patented hook-and-loop attachment. Colors (codes): Blue (BLU), Clear (CLR), Red (RED), White (WHI).

## QUENCH™ (BH02) AND SUPERQUENCH™ (BH03) WATERBOTTLES

Compatible with standard cages, our Quench and Superquench bottles offer you a choice of capacities as well as a choice of colors. Our Quench waterbottle holds a full 20 ounces, while the Superquench's 28 ounce capacity makes it a smart choice for longer rides or hot, humid days. Both bottles feature wide mouths that simplify cleaning and adding ice cubes or powdered energy drinks.

Colors (codes): Blue (BLU), Clear (CLR), Clear with logo (LGO), Ebony (EBO), Red (RED), White (WHI), Yellow (YEL).

## RAILS-TO-TRAILS WATERBOTTLE (BHRTT)

We're donating a portion of the proceeds from the sale of each Cannondale/Rails-to-Trails waterbottle to assist the Rails-to-Trails Conservancy (RTC), a non-profit organization converting abandoned railways into trails for mountain bikers, hikers and other groups. (Last year we donated over \$10,000.00 to Rails-to-Trails.) The Rails-to-Trails bottle holds 28 ounces of your favorite liquid refreshment and comes emblazoned with the Conservancy's attractive logo. It also features a wide mouth that simplifies cleaning and adding ice cubes or powdered drink mixes. Colors (codes): White with RTC logos (WHI).

## MTB RAGE™ CAGE (BH60)

Great for mountain biking, our rugged Rage Cage constructed of solid 1/4 inch welded aluminum rod coated for a tough finish, the Rage Cage is available in an assortment of colors.

Colors (codes): Blue (BLU), Ebony (EBO), High-bo silver (HOT), Jungle green (JUN), Red (RED), White (WHI), Yellow (YEL).

## FLIGHT™ CAGE (BH85)

Our high-impact Flight Cage weighs in at just 48 grams. Its efficient styling holds your waterbottle in place, and removal and reinsertion of the bottle with remarkable ease. Colors (codes): Ebony (EBO), Purple (PUR), Red (RED), White (WHI), Yellow (YEL).

## FEATHERLITE™ CAGE (BH55)

The excellent strength-to-weight ratio of lightweight aluminum rod allows us to craft a sturdy cage at a mere 48 grams. The welded Featherlite Cage is available in your choice of attractive colors.

Colors (codes): Blue (BLU), Ebony (EBO), High-bo silver (HOT), Jungle green (JUN), Red (RED), White (WHI), Yellow (YEL).

## TRANSPORT™ TRUCK RACK (A205)

Our Transport Truck Rack is the intelligent way to hold your bikes in the back of a pick-up truck. Clamp the front of the rack onto the horizontally-mounted Transport and you have your bikes safely and securely in an upright position. Stand on the Transport lets you carry two bicycles. The Transport comes fully assembled, installs without tools or a truck, and is available in widths for narrow and wide (60"-65.5") truck beds.

Colors (codes): Ebony (EBO).

## EXTRA BIKE MOUNT (A205B)

Mount extra bicycles (up to four, depending on your truck bed) with additional Bike Mounts. The Bike Mounts attach easily to the Transport with just one Allen wrench. (One per package.)

## WHEEL MOUNTS (A205A)

Protect your front wheel by mounting it to your truck alongside your bike. Easy allen wrench attachment. (One per package.)

A205A

A205B

A205-EBO



## CANNONDALE'S RAILS-TO-TRAILS WATERBOTTLE PROGRAM

The Rails-to-Trails Conservancy (RTC) is a Washington, DC-based non-profit organization converting abandoned railways into multi-use recreational trails. Since its founding in 1985, the Conservancy has helped convert over 5,000 miles of abandoned railway corridors into trails for mountain biking, hiking, horseback riding and cross-country skiing.

In July of 1991, we began offering a waterbottle that featured the Rails-to-Trails logo, along with a promise to donate \$.50 to RTC for each bottle we sold. The idea was that, after a year or so, we might be able to present the Conservancy with a nice check for a few thousand dollars.

We're happy to admit that we grossly underestimated your enthusiasm for the project. With your help (and with the support of our retailers and virtually every regional and national cycling magazine), orders for the RTC bottle in just six months ensured a donation of over \$10,000 to Rails-to-Trails. That's 20,000 bottles in the six months from July to January. Not too bad.

For 1993, we're pleased to again offer the Rails-to-Trails waterbottle, and we ask for your continued support. Not only does Rails-to-Trails continue to expand a network of trails open to mountain biking, but they also continue to serve as a crucial example of how different recreational groups can share the trails without conflict. With the land access threat still looming over our sport, the value of this example is high indeed.

For more information on the Rails-to-Trails Conservancy, please contact them at Box 492  
1400 Sixteenth Street, N.W., Ste. 300, Washington, DC, 20036. Or call RTC  
at 202/797-5400.



### RIPPLE™ FOLDING TOOL (A801)

Inside our Ripple Grip's ergonomically shaped handle are four allen keys (2, 4, 5 and 6 mm) and Phillips and flat head screwdrivers. All are constructed of durable chrome vanadium steel, and each is securely held in a chrome steel chassis concealed in the brightly colored handle. Two integral spoke wrenches, mounted into the handle, complete the package. (Patent pending.)  
Ebony (EBO), Purple (PUR), Red (RED), Yellow (YEL).



A801-YEL



A801-PUR



A801-RED



A801-EBO

### DEFLECTOR™ BIKE SHIELD (A300)

Bike Shield protects your rack-mounted bike from hazards ranging from kamikaze bugs and wind-blown grit to the occasional myopic sparrow. In front, a protective panel of windproof and waterproof Cordura shields the front of the bike from the brunt of the abuse. For a snug, aerodynamic fit, the central panel is crafted from a tightly woven mesh blend. The rear waterproof panel provides wrap-around protection to your saddle.

The Deflector attaches securely to your bike with hook-and-loop fasteners and non-marring, non-slip, rubber-coated hooks. The adjustable hooks let you throw the Deflector in the trunk for quick, easy cleaning. The Deflector fits both road bikes, and is also compatible with triathlon handlebars and upright or fork-mounting bike racks.  
Ebony (EBO), Purple (PUR).



A300-PUR

# BICYCLE TRAILERS

Cannondale introduced the world's first production bicycle trailer, the Bugger, over twenty years ago. In each subsequent year we've improved on our original effort, from complete redesigns to subtle refinements in the thickness of the shell. Along the way, our success has led to both a second Cannondale trailer, the Stowaway, and a host of imitators. But there is an important distinction between the Stowaway and the wanabees: Only one has benefited from our twenty-odd years of experience manufacturing bicycle trailers.



## CLAUDE AND FRANCOISE HERVE

In the spring of 1989, we received a unique sponsorship request: A French husband and wife team on a world cycling tour since 1980 needed a bike trailer to carry their six month old daughter. Would we consider providing a Cannondale Bugger at no charge? Intrigued, we asked for more information. What we learned astounded us.

Claude and Francoise Herve set out on bicycles from Lyon, France, on April 1, 1980. Since then, they've been living on the road almost continuously, riding over 60,000 miles through more than 50 countries. They've pedaled throughout Europe, Asia, Australia, New Zealand, North America, Central America and South America.

During the course of their travels, they spent two months working in a Calcutta leper colony and a year working in a refugee camp at the Thai-Cambodian border. In the jungles of Sri Lanka, they were nearly trampled to death by a herd of wild elephants. "It was like an earthquake," recalls Claude.

Along the way, Claude and Francoise earn enough money to meet their expenses by presenting slide shows of their journey, and by selling their story to newspapers and magazines. And along the way, they've also had a baby. Their daughter Manon was conceived in Australia and born in New Zealand in the fall of '88. After six weeks of rest in the home of friends, Claude and Francoise were back on the road with Manon in a child seat attached to the rear of Francoise's bike.



Six months later, with Manon quickly outgrowing her child seat, the trio arrived in Los Angeles where we'd arranged to have a Bugger trailer waiting for them. Since then, they've pulled their trailer across the northern U.S., through much of Canada, across the southern U.S., and through remote regions of Mexico, Central America and South America. Their long-term plans call for a return to France, and a more conventional lifestyle, when Manon reaches school age.

In the meantime their journey continues, with Africa the next scheduled continent. "It's not a trip anymore," explains Claude. "It's our daily life. We are nomads."

### STOWAWAY™ COLLAPSIBLE TRAILER (B007)

The Stowaway fills the needs of customers who want a child-toting bike trailer but have limited space, as well as those who like to bring a trailer along with their car-topping their bikes. Remove the high-back seat and quick-release wheels, place them inside the frame, and the collapsible Stowaway folds down to a compact package that can be packed in your trunk or closet.

The Stowaway's chassis is a tough, vacuum-formed polyethylene shell supported by a rugged, lightweight, aluminum frame. Precisely shaped to form a child seat for up to two children, the roomy 21.5" x 15" interior also provides a firm base for the attached aluminum canopy support assembly. The canopy is crafted from hefty, high-visibility nylon with reflective fabric, the canopy sports mesh side panels for ventilation and two large side windows for scenery appreciation. In back, a zippered access to a handy rear storage area. The Stowaway's center of gravity low we've achieved with 20 inch wheels that are canted slightly to the top for added stability. For comfort, the wheels feature true independent suspension with shock absorbing rubber bushings. And it connects securely with your bike via a off-center boom hitch that attaches easily to

your trailer, children travel in luxury thanks to storage pockets for snacks or this week's favorite toy, and water pockets help ensure the kids won't go thirsty. Forward-facing seats provide a reassuring, if not a little boring, view of Mom or Dad, and multi-point seatbelts discourage fledgling daredevils from jumping ship while under way.

Colors (codes): Yellow (YEL).

### BICYCLE TRAILER (B006)

As the world's first bicycle trailer — and Cannondale's first — over 20 years ago, the Bugger is a legitimate child seat. Constructed around a rugged polyethylene shell that can carry two children (maximum height: 40 inches), the Bugger can be attached to and off your bike in seconds thanks to our unique boom hitch. A five-point child restraint system secures your child's shoulders, across the waist and between the knees. Child-resistant buckles make getting kids in and out a breeze. The Bugger comes with a soft foam pad for extra comfort, and the trailer's head-supporting shell actually allows your child to snooze while under way.

Colors (codes): Yellow (YEL).

### BUGGER SUNSHADE (A221)

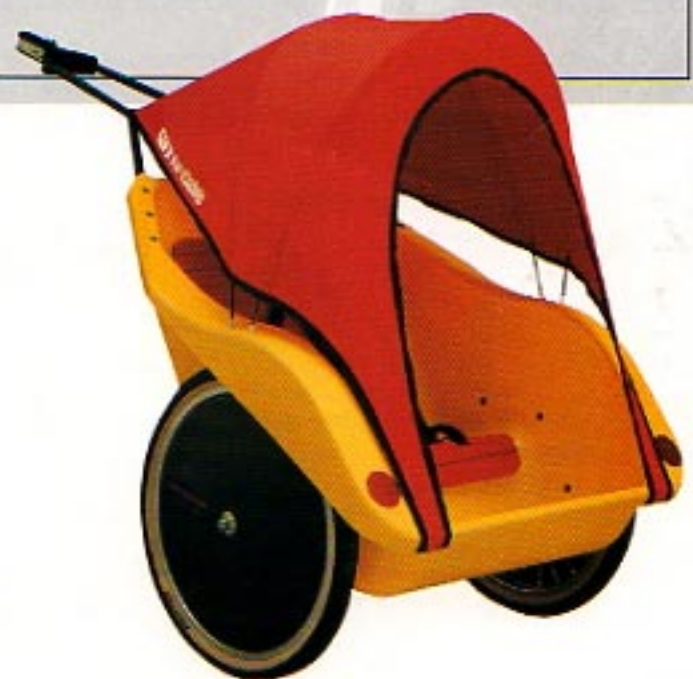
Protect your children from the hazards of prolonged exposure to the sun. Our sunshade attaches quickly and easily and can be removed just as fast. The open design provides plenty of flow-through ventilation for cool comfort.

Colors (codes): Red (RED).

### BUGGER RAIN CANOPY (A222)

Seal out the elements with our Rain Canopy and keep children warm and dry. Easy to install or remove, the Rain Canopy features a zippered door and snug, wrap-around fit to keep out rain and spray. Two side windows allow you to peek in on passengers without exposing them to the weather. (Not shown.)

Colors (codes): Red (RED).



## A NOTE ON BICYCLE SAFETY...

You can easily reduce the risk of accident and injury while riding by taking a few simple precautions. We strongly encourage you to take these basic steps:

- Always wear a helmet when riding.
- Keep your speed under control.
- Don't ride at night or in inclement weather.
- Learn and obey all traffic laws that apply to bicycling.
- Check to insure the quick release skewers on your wheels are properly closed before each ride.
- Test your brakes for proper operation before each ride.
- Make sure your bicycle is equipped with a full complement of reflectors. (Every Cannondale bicycle is shipped with those reflectors required by the Consumer Product Safety Commission. If your Cannondale bicycle does not come with reflectors, please contact your retailer.)
- Have all repair and maintenance work performed on your bicycle by an authorized Cannondale retailer.

We strongly recommend that you familiarize yourself with the basic operation of all the parts on your bicycle. To learn more about cycling safety and bicycle operation, check your library for bicycling books or contact your local bike shop.

In addition to the products featured in this catalog, we also manufacture a full line of cool and cold weather cycling apparel, including jackets, tights, fleece jerseys, rain wear and more. For additional information, the location of your nearest Cannondale Authorized Retailer or Customer Service around the world contact: **Australia:** Two Wheel Imports, Mona Vale N.S.W., ☎ 612 979 5851 • **Japan:** Cannondale Japan KK, Osaka, ☎ 81 721 56 5770 • **Netherlands and European Head Office:** Cannondale Europe B.V., Postbus 5100, Hanzepoort 27, 7570 GC Oldenzaal, The Netherlands ☎ 31 5410 22772 • **New Zealand:** Greystock Trading Co. Ltd, Auckland, ☎ 649 525 2002 • **USA & Canada:** Cannondale Corporation, Friendship Rd, RD#7, Bedford, PA 15522. In the US ☎ 1-800 BIKE USA. (In PA and outside US ☎ 814-623 2626).

### SEND US YOUR PHOTOS!

We would love to consider your photographs for use in our catalog. If you have natural, unposed shots that show our products in use and capture the unique spirit of cycling, please send them to Kathy Ceconi at our Georgetown, CT, address. Should we decide to use one of your shots, you will receive \$200 worth of Cannondale product at no charge. Sorry, but only 35 mm slides can be considered. Photos not selected for use will be returned.

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Cannondale is proud to be a member of:



*On the cover: Late afternoon at Great Sand Dunes National Monument in south central Colorado. Photo by Tim Brown.*

*Studio photography by Frank Poole.*

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For more information, call 1 800 BIKE USA. (In PA dial 1-814/623-2626.)

*All components and specifications subject to change without notice.  
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