



John Howard

A Flair for Winning

Called the American Cyclist of the Decade of the 70's, John Howard has won seven UCSF national titles in his eighteen years as a competitive racer. He has been a member of three Olympic teams, representing the United States in both the team time trial and the individual road race. In 1971 Howard became the first U.S. citizen to capture the coveted gold medal in the individual road race at the Pan American Games. He is a two-time winner of the prestigious Red Zinger (now Coors) Classic, as well as the 1000 mile Tour of Baja, the Tour de L'estre and the Tour of Newfoundland. In 1980 Howard took up the new sport of triathloning and one year later conquered the brutal Hawaiian Ironman World Championship. In 1983 he again shook the cycling world by covering an incredible 514 miles to establish a new world record for 24 hours.

It is not surprising that the new framesets bearing his name assume the same winning identity.





FROM THE FRAME SHOP OF
dave moulton 

The Best of Both Worlds

"When I choose a frameset," says John Howard, "I don't want to worry about alignment, geometry, or durability. I want a builder who knows his craft and takes it as seriously as I do my riding. After a season on a Moulton, I knew I had found my frame."

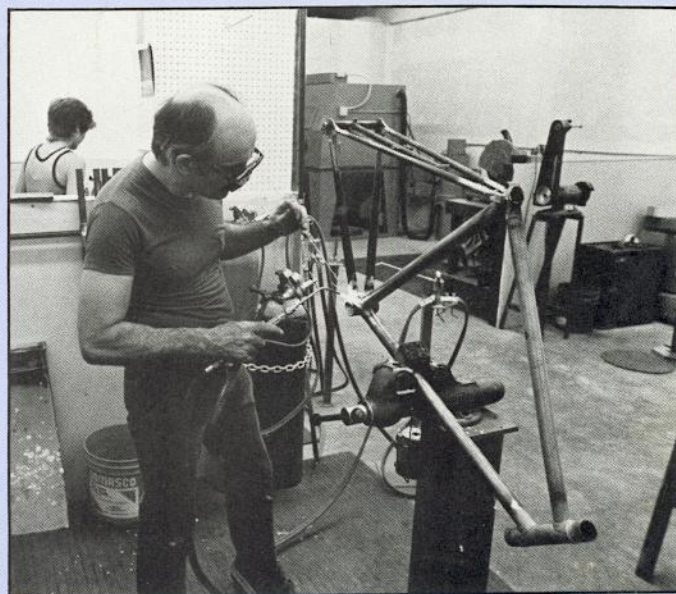
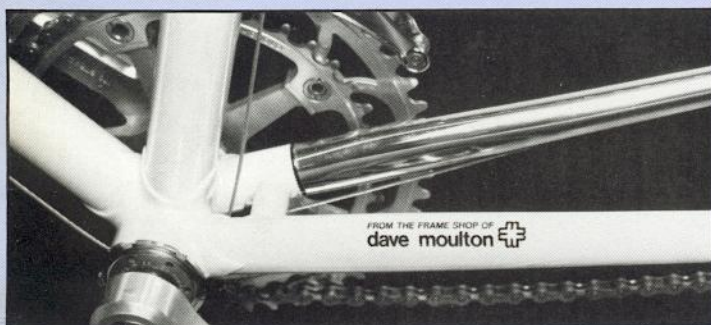
Dave Moulton served his apprenticeship in England where he has practiced his trade since 1957. He is the author of several definitive articles on frame design, one of which appeared in the prestigious periodical *L'Officiel du Cycle*. In his classic series of *Velo-News* articles, beginning in October of 1978, Moulton virtually defined the substance of frame design.

John Howard and Dave Moulton are perfectionists in their respective fields. To the connoisseur, this commitment is a guarantee that the John Howard frameset is the best limited production product found in the world today, regardless of price.

John Howard Signature Model — Built by Dave Moulton

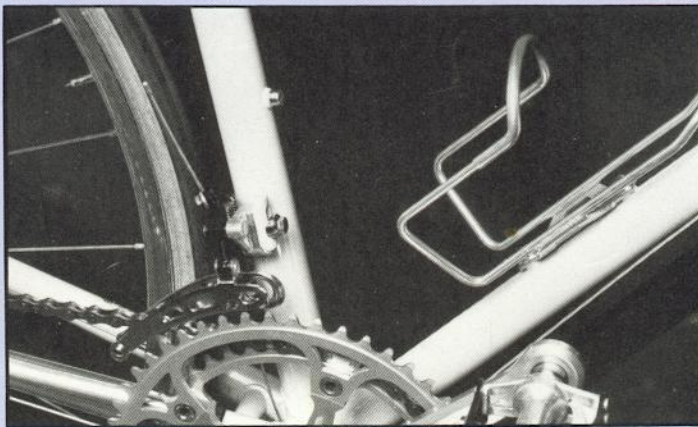
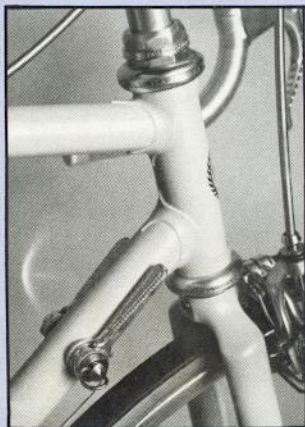
WHAT MAKES THIS FRAME SPECIAL?

BRAZING— A carefully controlled process which involves heating only the immediate area close to the lug, thus insuring that the tubes will retain their inherent stiffness. Such a process substantially increases the longevity and performance of the frame.



MITERING— Many production frames lacking this refinement rely solely on the lug for strength. The Howard frame utilizes the structural integrity of the brazed cluster of tubes, as well as the lug for its toughness.

FINISHING—
Frames are primed and given two coats of Dupont Imron pigment. Decals are then applied and sanded between seven coats of clear Imron. They are oven-baked between each stage to insure durability and a satin smooth finish.



HANDLING— A superb blend of precise control — firm, but not harsh. This frame tracks perfectly straight, devoid of oscillation at high speed. This is achieved through a precision structural design and absolute o-o alignment.

SPECIFICATIONS

Columbus S.L. Tubing

Cinelli investment cast bottom bracket shell, and aerodynamic fork crown.

Short point investment cast lugs. Campagnolo front and rear dropouts.

English threading.

27.2 m.m. seat post diameter.

Six-speed rear spacing (126 m.m.)

Head tube angle 73°

Fork rake $1\frac{3}{8}$ inches

Chainstay length $16\frac{1}{8}$ inches

Wheel base between $38\frac{1}{2}$ and $39\frac{1}{2}$ inches according to frame size.

Bottom bracket height $10\frac{1}{8}$ inches

BRAZE ONS

Two sets of water bottle mounts on seat and down tubes.

Braze on for Campagnolo front derailleur.

Campagnolo lever bosses on down tube.

Cable guides under bottom bracket.

Stop on chainstay.

Brake cable eyes on top tube.

Drilled for recessed brake bolts.

CHROME

Front and rear tips, and right hand chainstay.

All chrome front fork available as an optional extra.

PAINT

Dupont Imron

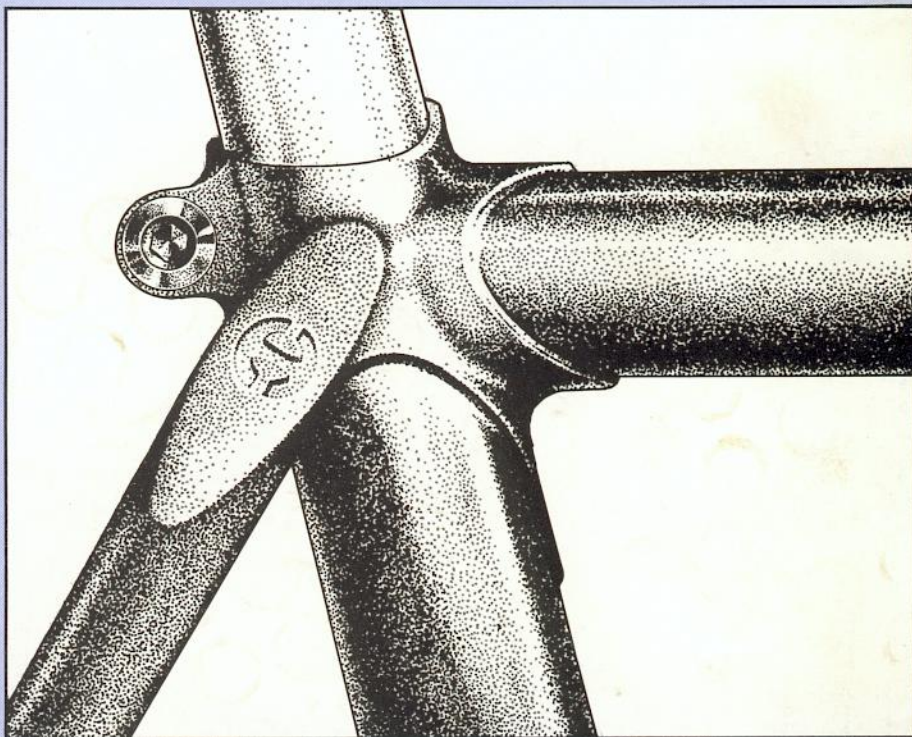
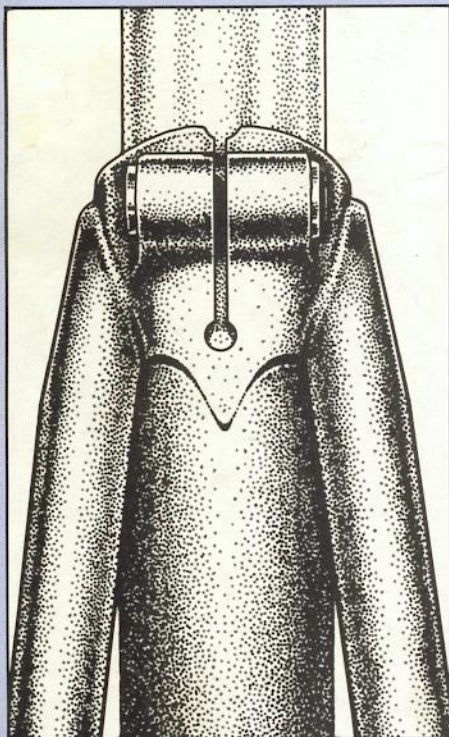
Standard Colors Available: Non Metallics — Bright Red, Bright Blue; Metallics — Seminole Red, Rose Grey, Slate Grey, Bright Blue, Light Ice Blue, Light Turquoise, Gold, Sand, Silver, Light Green

FRAME SIZES AVAILABLE IN CENTIMETERS
(Measured center of bottom bracket to top of seat lug)

	50	53	54	55	56	57	58	59	60	62
Top Tube Length (Centimeters)	51	53	54	54.5	55	55.5	56	56.5	57	58
Approximate Seat Angle	76.5	76	75.5	75	74.5	74.5	74	74	73.5	73

NOTE: Frames are built to a series of measurements, rather than exact angles. So angles shown here are approximate.

All frames have been properly chased and faced.



The seat stay conjunction is of a unique design: flat on the outside and engraved with the John Howard logo; contoured on the inside to fit the curve of the seat lug, making this seat cluster attractive and very functional.

John Howard

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Photos by David Ball

Design & Printing by QED Offset Lithographers

Escondido, California

Triathlete

by John Howard



JH-6

Just as the triathlon represents the absolute test of an athlete's versatility, strength and endurance, the Triathlete by John Howard brings to mind the same perpetual qualities. The Triathlete features three main tubes constructed of Tange Champion double butted tubing. The fork blades are High-Tensile steel with chrome crown and tips.

Component Specifications:

TUBING: Tange Champion double butted three main tubes

FORKS: High-Tensile blades, chromed crown and tips

CRANKSET: New Shimano 600EX 42/52T, 170 mm

DERAILLEURS: New Shimano 600EX front and rear with new 600EX shift levers

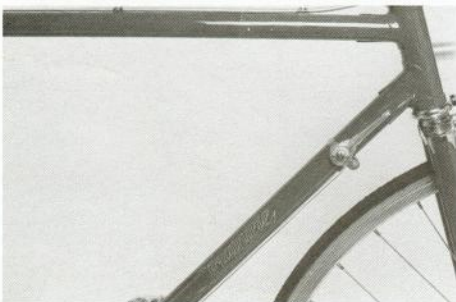
BRAKES: New Shimano 600EX sidepulls, with Dia Compe Aero levers

WHEELS: Araya 20A 27 x 1 inch alloy rims with Shimano 600EX small flange alloy cassette hubs

BRAZE-ONS: Bottle bosses, brake cable guides, derailleur cable guides and stops

SIZES: 19 inches, 21 inches, 23 inches, 25 inches

COLOR: Bright Red



JOHN HOWARD MULTIFITNESS, INC. / P.O. BOX 2650 / LEUCADIA, CALIFORNIA 92024



by John Howard



JH-8

A serious sports-touring bicycle with many of the features found on pro bikes costing hundreds more. The nucleus of this thoroughbred is the time-tested Reynolds 531 frame and Chrome-Moly fork blades with chrome crown and tips. A unique feature of The Élan is its brazed on, top-mounted shift levers for a cleaner aerodynamic effect.

Component Specifications:

TUBING: Reynolds 531, double butted three main tubes

FORK: Chrome-Moly blades with chromed crown and tips

CRANKSET: Sugino AS, forged, 42-52T

DERAILLEURS: Suntour Cyclone Mark II, front and rear, shifter mount brazed on top of down tube

BRAKES: Dia Compe Aero levers, NEW Gran Compe sidepull calipers

WHEELS: Pro Am small flange alloy quick release hubs, with Araya Aero, heat-treated alloy rims

BRAZE-ONS: Shift levers, bottle bosses, brake cable guides, derailleur cable guides and stops

SIZES: 21 inches, 23 inches, 25 inches

COLOR: Sovereign Blue Metallic



Le Duet

by John Howard



JH-14

Le Duet is more than a bicycle built for two, it's a high quality tandem at a refreshingly affordable price. As an added safety feature Le Duet is equipt with a super fast acting drum brake, as well as caliper brakes.

Component Specifications:

TUBING: Butt-welded high tensile carbon steel

FORKS: High tensile carbon steel

CRANKSET: Sugino Mighty Tour, alloy cranks, chain wheel 48/36 teeth, 10-speed

DERAILLEURS: Altus L.T.

BRAKES: Front, Tourney sidepull calipers with alloy levers and safety levers; Rear, Chair brand drum type brake, plus Tourney sidepull caliper, operated by rear rider

WHEELS: Araya 27" x 1 1/4" steel, chrome plated, with Shimano alloy hubs

SIZE: Front 57 cm, Rear 51 cm

COLOR: Silver Blue



Summit

by John Howard



JH-10

The specialty of this versatile performer is rugged off-road terrain. The Summit was designed with the collective input of some of America's most prominent mountain bike builders to perform under all types of terrain and weather. The frame geometry is enhanced by using oversized Chrome-Moly tubes and stays with forged dropouts and a Chrome-Moly fork, complete with investment cast crown. A wide range, 15-speed gearing system and brazed-on cantilever brakes continues the Howard promise of supplying the consumer with the best possible buy for the money.

Component Specifications:

TUBING: Oversized Chrome-Moly tubes and stays

FORK: Chrome-Moly, investment cast crown, forged ends

CRANKSET: Sugino AT, forged alloy triple-26 x 36 x 46, 172.5 mm arms sealed bearings

DERAILLEURS: Suntour Mount-Tech, Suntour thumb shifters

BRAKES: Dia Compe System II cantilever and mountain bike levers

WHEELS: Araya 26 x 1.75 alloy rims, with sealed bearing alloy hubs

BRAZE-ONS: Cantilever brake mounts, 2 sets bottle bosses, cable guides and stops

SIZES: 19 inches, 21 inches

COLOR: Dusk Gray Metallic

