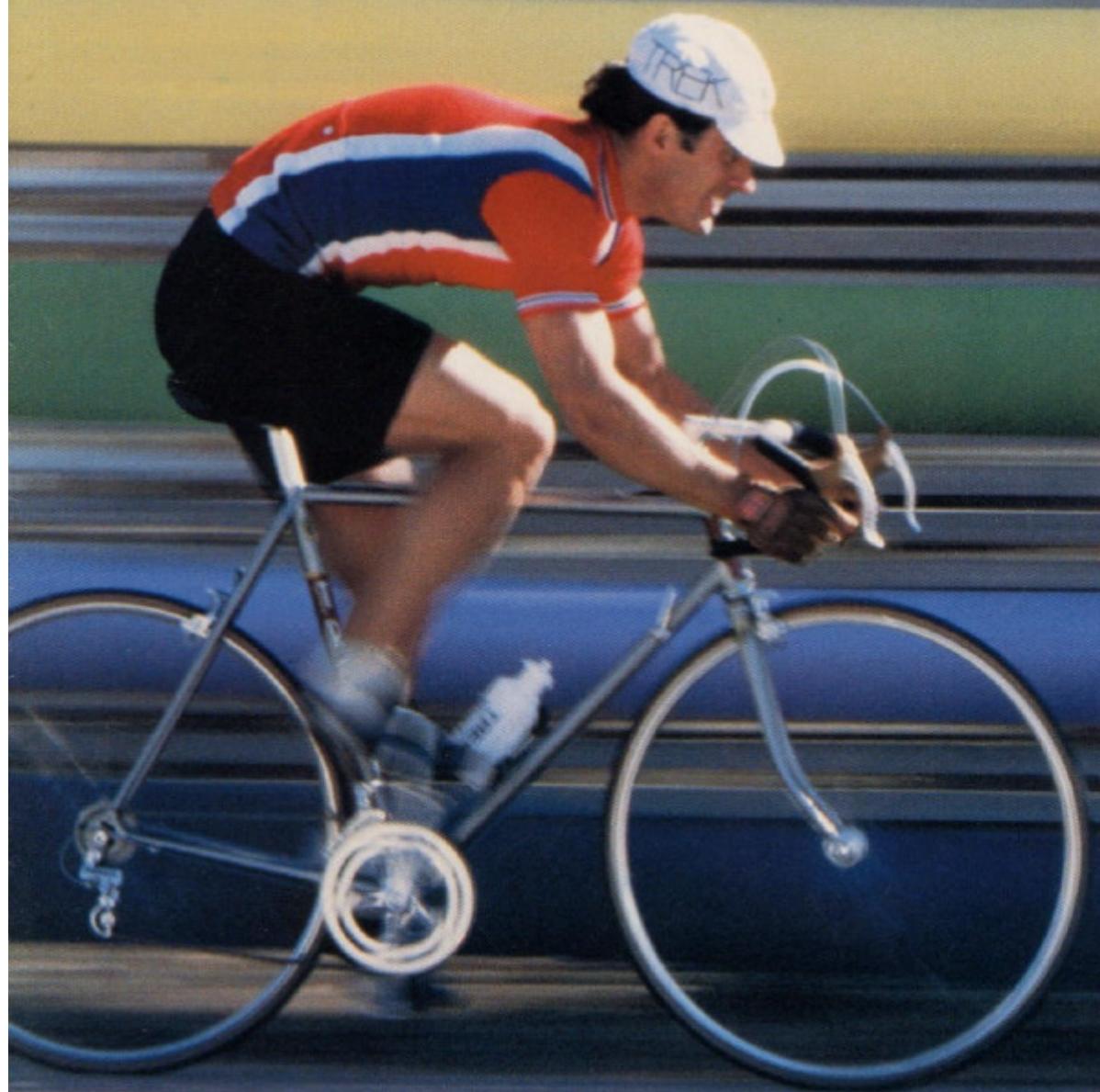


TREK

Custom quality built to go the distance.



LONG DISTANCE ENGINEERING.

Trek® Bicycles. In the tradition of the great American custom frame builders, Trek's reputation rests on its frames, and on the principle of building complete bicycles with custom quality for the discerning rider.

The frame is truly the heart of a bicycle and is most responsible for performance and comfort. Trek custom designs every frame for its intended use to avoid the over-stiff or over-flexible experience that comes from a one-frame-for-all design approach. With Trek, you get a lively, responsive ride and precise handling that will extend your capabilities as a cyclist.

As designers and builders of integrity, knowledge, and ability, Trek blends traditional styling with contemporary function, custom specifications with advanced engineering, and handcraftsmanship with precision machine tooling.

Trek. Custom quality built to go the distance.

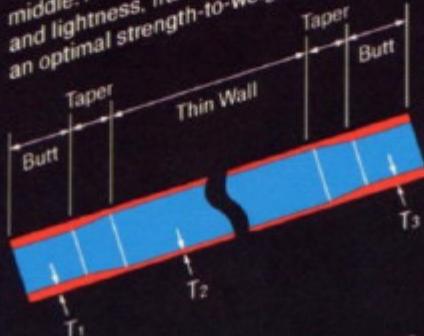
Electrostatic Imron® Finish

Besides Trek, only custom frame makers use the Imron® finish system, and only Trek has developed the electrostatic process for applying it to bicycle frames. Prior to painting, Trek frames are dipped in a six-tank chemical cleaning and metal treatment system that provides a rust-resistant surface and ensures adhesion of the finish. DuPont Imron® activated polyurethane enamel is then electrostatically sprayed over a thick coat of catalyzed epoxy primer.

This finish system offers long term gloss retention, brilliant colors in sunlight, and exceptional resistance to gravel projectiles, extended exposure to sunlight, road salt, and chemicals. It is a finish that will keep your Trek looking new and fresh for years.

Double-Butted Tubing
Every Trek frame has double butted tubing. This design feature means that every joint in a Trek frame provides added strength at all the significant stress points.

Formidable stress is constantly put on the frame joints during all kinds of riding—casual, touring, or racing—that is why the tube ends need more strength than the mid-section. Trek's double-butted tubes are actually thicker at the joints and taper to a thinner cross section in the middle. As a rider, you get extra strength and lightness, frame responsiveness and an optimal strength-to-weight ratio.



Tubing Wall Thickness (in mm)									
Tubing Name	Top Tube			Down Tube			Seat Tube		
	T ₁	T ₂	T ₃	T ₁	T ₂	T ₃	T ₁	T ₂	T ₃
Reynolds 531	0.8	0.5	0.8	1.0	0.7	1.0	0.8	0.5	
Reynolds 531 SL	0.7	0.56	0.7	0.7	0.56	0.7	0.7	0.56	
Columbus SP	1.0	0.7	1.0	1.0	0.7	1.0	1.0	0.7	
Columbus SL	0.9	0.6	0.9	0.9	0.6	0.9	0.9	0.6	
Ishiwata 021*	0.9	0.55	0.8	0.9	0.55	0.8	0.9	0.6	
Ishiwata 022	0.9	0.6	0.9	0.9	0.6	0.9	0.9	0.6	

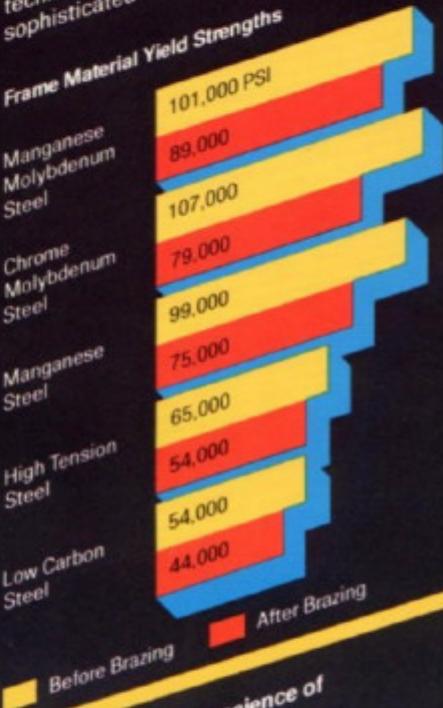
*Note: Differential Butting

Custom matched components

As a totally American bicycle manufacturer, Trek is able to select the finest components available on the international marketplace without being restricted by national origin. To assure frame and component compatibility, Trek engineers custom match components to suit the 'function specific'™ design of each frame. This custom matching requires knowledge and imagination, and plays a significant role in bringing out the custom quality feel of riding a Trek.

Frame Material Characterization
Trek uses the world's finest bicycle tubing from Reynolds®, Columbus®, and Ishiwata®. These tubes are primarily Chrome Molybdenum and Manganese Molybdenum steel alloys designed to achieve ultra-high frame strength-to-weight ratios.

But tubing specifications prior to brazing do not accurately reflect the strength of a bicycle frame. It is the post-brazing characteristics that count. And only careful brazing at low temperatures maintains optimal frame responsiveness and resiliency. Trek's skilled brazing techniques complement these sophisticated frame materials.

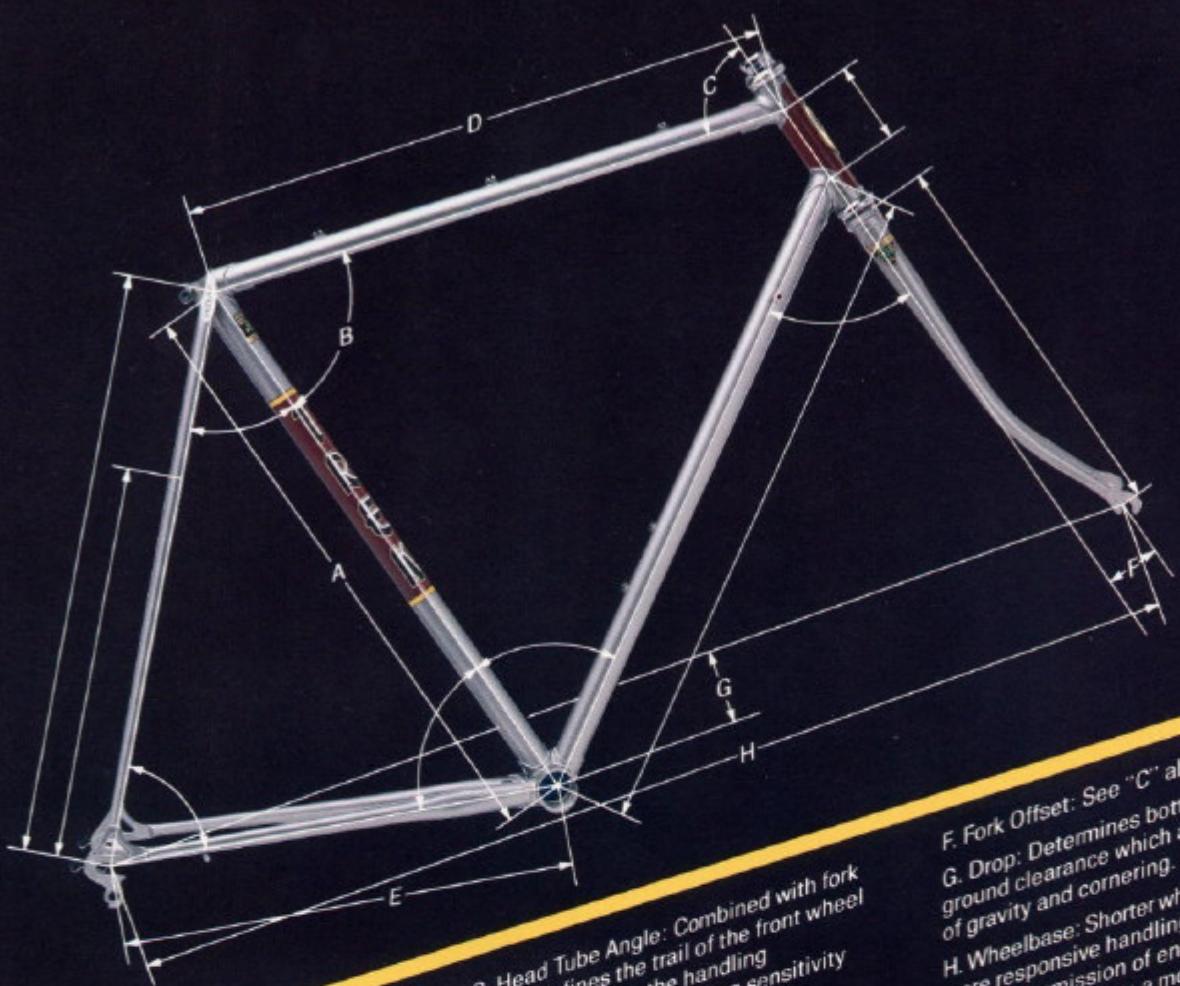


■ Before Brazing ■ After Brazing

Frame geometry: The science of performance
Trek's first criterion in frame design is performance. Trek frames are engineered 'function specific'™ by designers who made their reputations crafting custom framesets.

Every different Trek model has a frame geometry that's designed for a specific use, from racing to long distance touring—so whatever your requirements, Trek offers a synthesis of frame performance characteristics to enhance your style of riding.

At Trek, we take frames seriously.



Trek frame dimensions
(22½" and 58 cm size for each model)

- A. Seat Tube Length: Determines the frame size. All other lengths and angles are based on this dimension.
- B. Seat Tube Angle: Affects the wheelbase and knee position relative to the bottom bracket.

- C. Head Tube Angle: Combined with fork offset, defines the trail of the front wheel which determines the handling characteristics and steering sensitivity of the bicycle.
- D. Top Tube Length: Affects upper body positioning and the wheelbase.
- E. Chainstay Length: Determines rear wheel clearance and affects the wheelbase. Heel to pannier clearance is important on touring designs.

F. Fork Offset: See "C" above.
G. Drop: Determines bottom
clearance which affects
cornering.

- F. Fork Offset: See "C" above.
- G. Drop: Determines bottom bracket to ground clearance which affects the center of gravity and cornering.
- H. Wheelbase: Shorter wheelbase provides more responsive handling and more direct transmission of energy. Longer wheelbase provides a more stable bicycle and more cushioning of road shocks.

- G. Drop: Determined by ground clearance which is a function of gravity and cornering.
- H. Wheelbase: Shorter wheelbase provides more responsive handling and more direct transmission of energy. Longer wheelbase provides a more stable bicycle and more cushioning of road shocks.

Frame Geometry Chart

412

Colors: Dark blue/light blue panel;
Slate/pewter panel;
Ice blue/dark blue panel



Component Group:

Crankset

SR Custom
40-52 5 pin
Forged Alloy

Pedals

SR SP150
Alloy quill

Frame:

Main Tubes
Ishiwata 022
Double-butted
Chrome
Molybdenum

Forks & Stays

Ishiwata
High Tensile

Freewheel

Suntour Vx-S
14-16-19-23-27-30

Hubs

Atom S/F Q/R

Headset

Trek micro-adjust

Chain

Sedisport

Rims

Rigida Alloy
13-20 27"

Bottom Bracket

Nikko
Semi-Sloping

Lugs

Nikko
Seamless

Brakes

Dia-Compe 500 Q
Sidepull

Tires

Michelin
27" x 1"
Bib Sport

Drop-Outs

Suntour GT
Forged

Seat Post

Binder Bolt

Special

Braze Ons
Top tube cable guides/
Water bottle mounts

Bar/Stem

SR Custom Alloy

Seat Post

SR Alloy

Water Bottle & Cage

Yes

Toe Clips & Straps

Christophe

Saddle
Avocet
Condor

613

Colors: Pewter/slate panel;
Gunmetal/pewter panel;
Red/pewter panel



Component Group:

Crankset
SR Super Custom
40-52 5 pin
Forged Alloy

Pedals
SR SP150
Alloy quill

Frame:

Main Tubes
Reynolds 531
Double-butted
Manganese
Molybdenum

Derailleurs
Suntour Blue Line S

Freewheel
Suntour Mighty-6
14-16-19-23-27-30

Headset
Trek micro-adjust

Hubs
Atom S/F Q/R

Forks & Stay
Ishiwata

Magny 10

Manganese

Fork Crown
Ishiwata CCL
Semi-Sloping

Bottom Bracket
Nikko

Lugs
Nikko
Seamless

Chain

SediSport

Rims

Rigid Alloy

13-20 27"

Brakes

Dia-Compe 500 G

Sidepull

Tires

National 27" x 1 1/8"

Racing Extra

Drop-Outs

Suntour GS

Forged

Seat Post

Binder Bolt

Sugino

Brace Ons

Top tube cable guides/

Chain hanger/Water bottle mounts/

Rear rack mounts

Bar/Stem

SR Custom Alloy

Seat Post

SR Laprade

Saddle

Avocet

Condor

Toe Clips & Straps

Christophe

Water Bottle & Cage

Yes

614

Colors: Pewter/slate panel;
Gunmetal/pewter panel;
Red/pewter panel



Component Group:

Crankset

Sugino AT
Aero Mighty Tour
Triple 28-45-50
Forged Alloy

Pedals

SP150
Alloy quill

Deraileurs

Suntour Cyclone
Mark II
Microlite GT

Headset

Trek micro-adjust

Freewheel

Suntour Mighty-6
14-16-19-23-27-30

Chain

Sedisport

Brakes

Dia-Compe 500 G
Sidepull

Tires

National 27" x 1 1/4"
Touring Extra

Bar/Stem

SR Custom Alloy

Seat Post

SR Laprade

Saddle

Avoet

Condor

Bottom Bracket

Nikkō
Semi-Sloping

Drop-Outs

Suntour GS

Forged

Fork Crown

Ishiwata CCL

Nikkō

Lugs

Nikkō

Seamless

Forks & Stays

Ishiwata

Magny 10

Manganese

Molybdenum

Special

Braze Ons

Top tube cable guides/
Chain hanger/Water bottle mounts/
Rear rack mounts

Frame:

Main Tubes

Reynolds 531
Double-butted
Manganese
Molybdenum

Fork Crown

Ishiwata

Magny 10

Manganese

Molybdenum



515 715

515/510 Colors: Pewter/slate panels;
Red/pewter panels
715/710 Colors: Pewter/light blue panels;
Dark blue/pewter panels



Component Group: 515/715

Crankset
Derailleurs
Suntour Cyclone
Mark II
Microlite GT

Headset
Tange Levin

Pedals
SR SP150
Alloy quill

Frame: 515/510

Main Tubes
Ishiwata 021

Differentially
Double-butted
Chrome
Molybdenum

Frame: 715/710

Main Tubes
Reynolds 531

Double-butted
Manganese
Molybdenum

Freewheel
Suntour Ultra 6
13-14-17-20-24-28

Hubs
Campagnolo

Nuovo Tipo
S/F Q/R

Fork Crown
Investment cast

Bottom Bracket
Nikko

Lugs
Nikko
Seamless

Chain
Sedisport

Rims
Rigida Alloy

13-20 700C

Brakes
New Gran Compe

500 Sidepull

Tires
National

700C x 28C

Racing Extra

Drop-Outs
Shimano SF

Forged with

eyelets

Brake Bridge
Andrew Hague

Seat Post

Binder Bolt

Integral

Special

Braze Ons

Top tube cable guides/

Chain hanger/Water bottle mounts/

Bottom bracket cable guides/Rear

Drop-Outs
Shimano SF

Forged with

eyelets

Brake Bridge
Andrew Hague

Seat Post

Binder Bolt

Integral

Special

Braze Ons

Top tube cable guides/

Chain hanger/Water bottle mounts/

Integral bottom bracket cable guides/

Drop-Outs
Shimano SF

Forged with

eyelets

Brake Bridge
Andrew Hague

Seat Post

Binder Bolt

Integral

Special

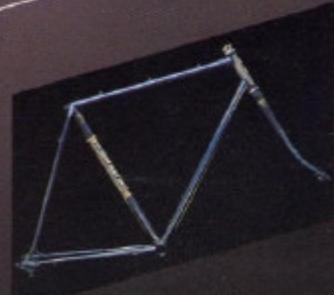
Braze Ons

Top tube cable guides/

Chain hanger/Water bottle mounts/

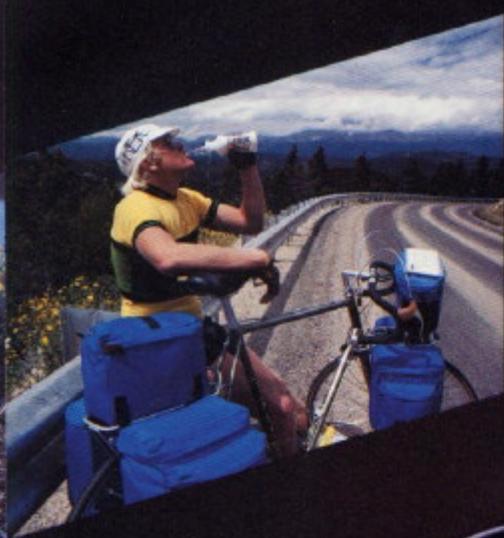
Rear rack mounts

Model 515 shown above.
510 Also available as frameset only.
710 Also available as frameset only.



728

Colors: Taupe/brown panels
Note: Racks not included.


Component Group:
Crankset
Sugino AT

Aero Mighty Tour

Triple 28-45-50

Forged Alloy

Pedals SR SP11

New Alloy

Platform

Deraileurs

Rear: Huret Duopar

Front: Huret Success

Barcon

Headset

Tange

Levin

Freewheel

Suntour

Ultra 6

13-14-17-20-24-28

Shift levers: Suntour

Hubs

Suzue

Sealed bearing

S/F Q/R

Fork Crown

Investment cast

with integral

tangs

Chain

Sedisport

Rims

Rigida Alloy

16-22 700C

Bottom Bracket

Investment cast

Lugs

Nikko

Special

Seamless

Thin-wall

Italian

Shortpoint

Brakes

Gran Compe

450 Centerpull

Tires

National

700C x 32C

Touring extra

Drop-Outs

Campagnolo

1010 with

Double

eyelets

Brake Bridge

Andrew Hague

Seat Post

Braze Ons

Integral

Special

Braze Ons

Top tube cable guides/Chain hanger/

Twin water bottle mounts/Fender

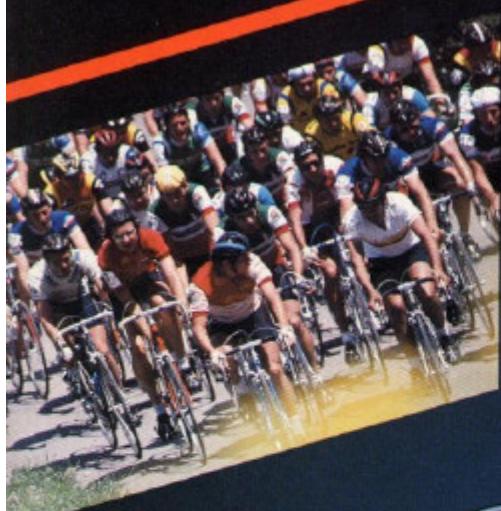
attachments/Double eyelets on drop-

outs/Rear rack mounts/Integral bottom

bracket cable guides

720 Also available as frameset only.





736

Colors: Pewter/red panels


Component Group:
Crankset

Suntour Superbe

Sealed bearing

PL 4000

Derailleurs

Suntour Superbe
FD 1500, RD 3100
LD 2000

42-52

Freewheel

Suntour Ultra 6

13-14-15-17-19-21

Chain

Sedisport

Brakes

Suntour
Superbe

Short reach

CB 300D

Bar Stem

Cinelli #64

Cinelli 1/A

Tires

National

700C x 25C

WT: 220g

Christophe

Toe Clips & Straps

No

Water Bottle & Cage

Seat Post

SR Laprade

Saddle

Avocet

Racing I

Frame:

Main Tubes

Reynolds 531

Double-butted

Manganese

Molybdenum

Forks & Stays

Reynolds 531

Fork Crown

Investment cast

with integral

tangs

Bottom Bracket

Investment cast

Lugs

Nikko Special

Seamless

Thin-wall Italian

Shortpoint

forged

Drop-Outs

Campagnolo

1010B

Andrew Hague

Allen Key

recess

Brake Bridge

Campagnolo

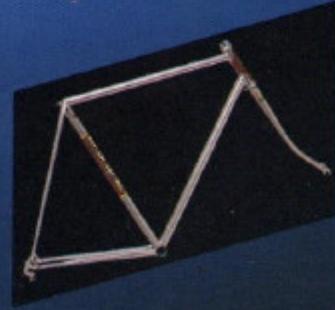
1010B

Andrew Hague

Allen Key

recess

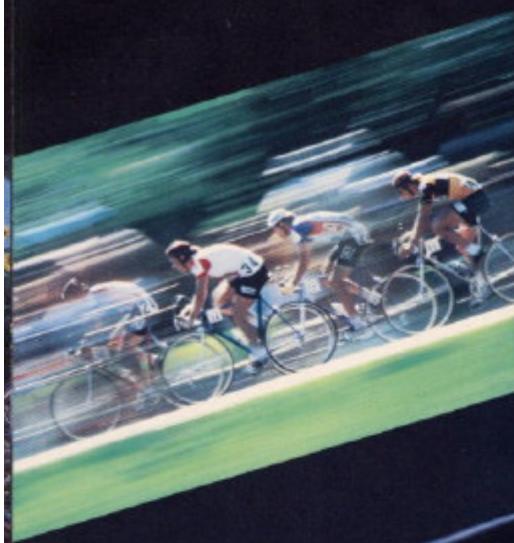
730 Also available as frameset only.



759

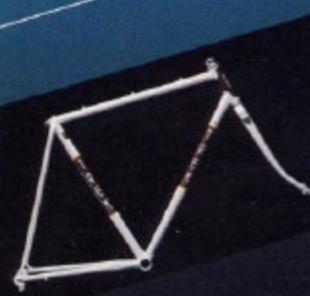
757

Colors: White/red panels
Note: Wheels and tires not included.


Component Group:

759	Crankset	Dura-Ace EX	Derailleurs	Dura-Ace EX	Freewheel	Dura-Ace 13-14-15-17-19-21	Chain	Dura-Ace	Brakes	Cinelli #64/ Dura-Ace EX	Bar/Stem	Saddle
757	42-52	Campagnolo Super Record 42-52	Campagnolo Super Record	Regina Oro	Regina Oro	6-speed	Regina Oro	Campagnolo Super Record	Dura-Ace	Cinelli #64/ Dura-Ace EX	Dura-Ace EX	Avocet
757	Nuovo Record BB	Campagnolo Nuovo Record BB	Dura-Ace EX	Dura-Ace EX S/F Q/R	Hubs	Dura-Ace 13-14-15-17-19-21	Rims	Not included	Toe Clips & Straps	Campagnolo Super Record	Christophe	Racing II
757-758	Pedals	Dura-Ace EX	Campagnolo Super Record	Campagnolo Record S/F Q/R	Headset	Not included	Not included	Dura-Ace EX	Dura-Ace EX	Water Bottle & Cage	No	Avocet
758	Record 1037A	Campagnolo Record 1037A	Fork Crown	Investment cast	Bottom Bracket	Lugs	Drop-Outs	Andrew Hague	Seat Post	Special Braze Ons	No	Racing II
750	Frame:	Main Tubes	Forks & Stays	Investment cast with tangs	Brake Bridge	Nikko Special	Campagnolo 1010B	Allen Key recess	Binder Bolt	Top tube cable guides/Chain hanger		
	Reynolds 531 SL	Reynolds 531 SL			Seamless	Thin-wall Italian			Integral	Twin water bottle mounts/Down tube shift lever bosses/Integral bottom bracket cable guides		
	Double-butted Manganese Molybdenum				Shortpoint							

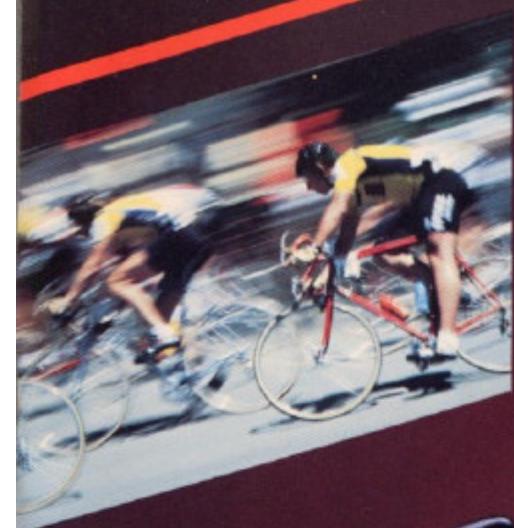
Model 759 shown above.
750 Also available as frameset only.



957

959

Colors: White/blue panels
Note: Wheels and tires not included.


Component Group:

Crankset Campagnolo Super Record

957 Campagnolo Super Record BB

959 Dura-Ace EX 42-52

Pedals Campagnolo Super Record

957 Campagnolo Record 1037A

959 Dura-Ace EX

Freewheel

Campagnolo 6-speed

957 Regina Oro 13-14-15-17-19-21

959 Dura-Ace EX 13-14-15-17-19-21

Hubs

Campagnolo Record S/F Q/R

957 Dura-Ace EX S/F Q/R

Headset

Campagnolo Record S/F Q/R

957 Dura-Ace EX S/F Q/R

Pedals

Dura-Ace EX

957 Dura-Ace EX

Chain

Regina Oro

957 Dura-Ace EX

959 Dura-Ace EX

Rims

Not included

957 Not included

959 Not included

Lugs

Nikko Special

957 Seamless

959 Thin-wall Italian

Shortpoint

Brakes

Campagnolo Super Record

957 Dura-Ace EX

959 Dura-Ace EX

Tires

Not included

957 Not included

959 Not included

Drop-Outs

Campagnolo 1010B

957 Andrew Hague

959 Allen Key

recess

Brake Bridge

957 Campagnolo

959 Andrew Hague

recess

Bar/Stem

Cinelli #64

957 Cinelli 1/R

959 Cinelli #64

Dura-Ace EX

957 Toe Clips & Straps

Christophe

957 Dura-Ace EX

959 No

959 Dura-Ace EX

959 Water Bottle & Cage

959 No

Trek Bicycles: Comparative Component Specifications

Model 612	Frame Ishiwata 022 Double-butted Chrome Molybdenum Matt Tubes	Crankset SR Custom 40-52 Forged Alloy	Derailleurs SunTour YX-S	Freesheel SunTour Mighty-E 14-16-19-21-27-30	Chain Sedisport	Brakes Dura Comp 500G Sidepull	Bar Stem SR Custom Alloy	Seat Post SR Alloy	Saddle Accost Corder
Model 613	Frame Reynolds 531 Double-butted Manganese Molybdenum Matt Tubes	Crankset SR Super Custom 40-52 Forged Alloy	Derailleurs SunTour Blue Line S	Freesheel SunTour Mighty-E 14-16-19-21-27-30	Chain Sedisport	Brakes Dura Comp 500G Sidepull	Bar Stem SR Custom Alloy	Water Bottle & Alloy Cage Yes	Saddle Accost Corder
Model 614	Frame Reynolds 531 Double-butted Manganese Molybdenum Matt Tubes	Crankset Sigma AT Aero Mighty Tour Trek 28-45-52 Forged Alloy	Derailleurs SunTour Cyclo Mark II Microline GT	Freesheel SunTour Mighty-E 14-16-19-21-27-30	Chain Sedisport	Brakes Dura Comp 500G Sidepull	Bar Stem SR Custom Alloy	Seat Post SR Laprade	Saddle Accost Corder
Model 615	Frame Ishiwata 021 Double-butted Chrome Molybdenum	Crankset SR SAX 58G 40-52 Forged Alloy	Derailleurs SunTour Cyclo Mark II Microline GT	Freesheel SunTour Ultra-E 13-14-17-20-24-28	Chain Sedisport	Brakes Dura Comp 500 Sidepull	Bar Stem SR Custom Alloy	Water Bottle & Alloy Cage Yes	Saddle Accost Touring I
Model 715	Frame Reynolds 531 Double-butted Manganese Molybdenum	Crankset SR SAX 58G 40-52 Forged Alloy	Derailleurs SunTour Cyclo Mark II Microline GT	Freesheel SunTour Ultra-E 13-14-17-20-24-28	Chain Sedisport	Brakes Dura Comp 500 Sidepull	Bar Stem SR Custom Alloy	Seat Post SR Laprade	Saddle Accost Touring I
Model 728	Frame Reynolds 531 Double-butted Manganese Molybdenum	Crankset Sigma AT Aero Mighty Tour Trek 28-45-52 Forged Alloy	Derailleurs Rear: Hunt Discar Front: Hunt Success Shift Levers: SunTour Barcon	Freesheel SunTour Ultra-E 13-14-17-20-24-28	Chain Sedisport	Brakes Dura Comp 450 Compagnolo	Bar Stem Credil 1/A Credil 1/B	Water Bottle & Alloy Cage Yes	Saddle Accost Touring I
Model 730	Frame Reynolds 531 Double-butted Manganese Molybdenum	Crankset SRP 111 New Alloy Portone	Derailleurs SunTour Superbe 42-52	Freesheel SunTour Ultra-E 13-14-15-17-19-21	Chain Sedisport	Brakes SunTour Supreme Short reach CR 3000	Bar Stem Credil 1/A Credil 1/B	Seat Post SR Laprade	Saddle Accost Touring I
Model 758	Frame Reynolds 531/SL Double-butted Manganese Molybdenum	Crankset Dura-Ace Ex 42-52	Derailleurs Dura-Ace Ex	Freesheel Regina Oro 6-speed 13-14-15-17-19-21	Chain Dura-Ace	Brakes Dura-Ace Ex	Bar Stem Credil #64 Dura-Ace Ex	Seat Post Dura Ace Ex	Saddle Accost Racing I
Model 757	Frame Reynolds 531/SL Double-butted Manganese Molybdenum	Crankset Campagnolo Super Record	Derailleurs Regina Oro 6-speed	Freesheel Regina Oro 6-speed 13-14-15-17-19-21	Chain Regina Oro	Brakes Campagnolo Super Record	Bar Stem Credil #64 Credil 1/A	Water Bottle & Alloy Cage No	Saddle Accost Racing I
Model 859	Frame Columbus SL/SP Double-butted Chrome Molybdenum	Crankset Campagnolo Super Record	Derailleurs Dura-Ace Ex	Freesheel Regina Oro 6-speed 13-14-15-17-19-21	Chain Dura-Ace	Tires Not included	Bar Stem Dura-Ace Ex	Water Bottle & Alloy Cage No	Saddle Accost Racing I
Model 857	Frame Columbus SL/SP Double-butted Chrome Molybdenum	Crankset Campagnolo Record 1037A	Derailleurs Campagnolo Super Record	Freesheel Regina Oro 6-speed 13-14-15-17-19-21	Chain Regina Oro	Brakes Campagnolo Super Record	Bar Stem Credil #64 Credil 1/B	Seat Post Campagnolo Super Record	Saddle Accost Racing I

All specifications subject to change without notice.

TREK

Custom quality built to go
the distance.

Trek Bicycle Corporation
801 W. Madison Street
P.O. Box 183
Waterloo, WI 53594