

 **NORCO[®]**

Competition Series



1995

Cactus Cup Series

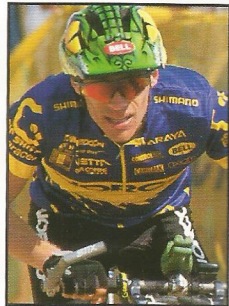

NORCO - THE COMPANY

Cycling is not about standing still, and neither is Norco. The 1995 line of competition bikes offers you more models, more component options and more design and material choices than ever before.

Norco has a history of success with chro-moly bicycle frames, and for 1995 we have increased your options. Frame weights have been substantially reduced by utilizing Ritchey WCS and Tange ultimate tubing, as well as tubes custom-drawn to our specifications. Chro-moly steel offers the advantages of long-term durability (lifespan), resistance to fatigue, and ride characteristics preferred by top riders.

The new Easton aluminum frame sets are an exciting addition to our 1995 line. Easton has proven itself at the national and international level, with many championships to their credit. Their butted "PROGRAM" tubing (found on the Norco Java and Forza road frame), has been cold-worked to produce a frame that is as much as 30% stronger and more durable than aerospace aluminum. The result is an ultra lightweight, resilient frame with a ride feel unlike any other aluminum bike.

Norco is a 100% Canadian company and all design, development and testing is done in Canada where you find some of the most demanding conditions in the world. With the help of our elite level racing team and pro riders, like Andy Tout, our designs have been further refined to maximize response and handling in a wide range of conditions. In addition, we are very pleased to bring to the market the FTW USA-produced FTS-1 full suspension bike featuring 2 3/4" of rear wheel travel.



ANDY TOUT

Here's what others have to say about Norco bikes:

"They build their babies to survive. It shows in their stringent R & D and quality-controlled product, which showed us that the Great White North has spawned a bike producer which obviously considers 'performance' before 'profits'".

Mountain Biking, October Issue, 1992 (This quote refers to Norco as a company)

We remain committed to off-road racing and rider support programs, as it is our belief that racing provides the best and toughest testing grounds for new products and technologies. Look for pro riders like Andy, and the rest of our elite athletes at Canada Cup, Norba, and World Cup races across North America.

For over 30 years we've remained true to the spirit of innovation, a commitment that has kept us at the forefront of bicycle technology.



TEAM ISSUE



Ritchey WCS superlight main tubes and a Prestige Concept seat-tube

- Double-buttressed AFS seat-stays
- Marzocchi XC-600 hydraulic suspension fork with 6-position external adjustability
- CNC custom flight control cranks
- Bontrager carbon seatpost, titanium bar, red and blue label rims
- GripShift 24-speed SRT-800 X-Ray fully sealed short rotation shifters
- Dia-Compe trail bonz CNC brakes with PC-11 power control levers
- BICI CNC hubs with 16mm O/S suspension axle.



FTS-1



CU-92 6013 heat-treated variable wall thickness aluminum • Custom top-tube/ seat-tube suspension monocoque • Horst link rear end with stiff 16mm pivot pin and bearings in the main pivots • Risse shock - 2.75 inches rear travel • Marzocchi XCR eternally adjustable hydraulic fork • Grip-Shift SRT-400 21-speed short rotation shifters • Shimano Deore LX rear changer with Sugino Impel 300 cranks featuring a 20T granny gear • Axiom cold forged threadless style stem, double-bolt seat post and 170g double-buttet alloy bar.



Simply put, the T.N.T. has the soul
of its name (it's a blast to ride).
Mountain Bike Action, August Issue, 1994

T.N.T.



Tange Ultimate superlight and ultralight main tubes and Prestige Concept ovalized seat-tube • Double-buttressed AFS seat stays • Marzocchi XC-600 six-position air/oil adjustable fork • Powder coated frame • Ritchey Vector titanium rail saddle • GripShift 24-speed SRT 800 X-ray fully sealed, short rotation shifters • Mavic 231 rims with XT hubs • Bontrager/Titec light alloy bar • XTR rear and XT front derailleur • Shimano XT PD-M747 clipless pedals • Ritchey Kevlar Megabite tires.



JAVA



Easton Elan 3 double-buttressed aluminum frame • Marzocchi XCR forks with 6-position speed-sensitive valving • 21-speed GripShift SRT-400 shifters • Axiom 6061 alloy bars, stem and seat post • Bontrager rims • Deore LX rear derailleur • Vetta TT tri-shock saddle • Tektro light alloy, GripShift compatible brake levers • Oversized hubs • Sugino Impel 300 compact drive, low-profile cranks • DT Swiss stainless spokes • Tioga Psycho II blackwall tires.



"... it could very well be the ultimate off-roader for someone looking for no-frills high-performance bike that does everything well."

Mountain Biking, April Issue, 1994

®

RAMPAGE



Tange Ultimate superlight and ultralight main tubes and Prestige Concept outer butted, ovalized seat tube • Double butted AFS seat stays with Ritchey drop-outs • Marzocchi XCR air/oil race fork with 6-position externally adjustable speed-sensitive valving • 24-speed GripShift SRT-600 shifter with supershort rotation • Dia-Compe PC-7 Power Control 2-phase brake levers • Bontrager/Titec light alloy bar • Sugino Impel 500 compact drive, low-profile cranks • Shimano XT front and rear derailleurs • Shimano DX SPD clipless • Mavic 231 double wall rims.



NITRO

Two options available. **Option 1:** Marzocchi XCR air/oil race fork with 6-position speed-sensitive valving • GripShift 24-speed SRT-600 shifters with supershort rotation • XT front and LX rear derailleur • GripShift compatible Tektro light alloy brake levers. **Option 2:** Kinesis 650g 6061 alloy rigid fork • Shimano LX Rapidfire Plus 24-speed shifter brake combo • XT front and rear derailleurs

- Both models include a full double-buttressed chro-moly frame with a Tange Prestige downtube, and AFS seat stays • Bontrager front BCX-2 and rear BCX-3 rims • XT chain.



“The Sasquatch is a value-packed off-roader that leaves little – if anything – to be desired.”

Mountain Biking, June Issue, 1993

SASQUATCH



Three options available. **Option 1&2:** Marzocchi XCR or Zokes suspension forks and 21-speed GripShift SRT 400 shifters • Double-buttressed, full chromo-moly frame with custom drawn tubes • Axiom 6061 alloy bar, stem and seat post • Sugino Impel 300 compact drive, low-profile cranks • Tektro light alloy, GripShift compatible brake levers • Shimano LX rear derailleurs. **Option 3:** Tange full chromo-moly unicrown rigid forks • 21-speed Shimano LX Rapidfire Plus shifter/brake combo • XT front and rear derailleurs • Sugino Impel 350 cranks • Both models come equipped with Bontrager rims • Vetta TT tri-shock saddle • DT Swiss stainless spokes.



TANGO



Full chro-moly frame with custom drawn downtube • Tange full chro-moly unicrown fork • 24-speed GripShift SRT 600 shifters • Sugino Impel 350 compact drive, low-profile cranks • Shimano XT rear derailleur • Bontrager BCX-2 and BCX-3 rims • Tektro light alloy brake levers (GripShift compatible) • Tioga Psycho tires • DT Swiss spokes • Light weight anodized handlebar • Alloy seat post with quick-release seat post clamp.

FRAME SETS

If you are planning to replace or update your frame, Norco has 5 competition frames to choose from.

TEAM ISSUE

Down-tube: Ritchey WCS superlight (34.9 on 18.5, 20, 22 – 31.8 on 15, 17) • Top-tube: Ritchey WCS superlight (31.8 on 18.5, 20, 22)
 • Seat-tube: Tange Prestige Concept • Double-buttet AFS seat-stays • Double-buttet chain-stays. Ritchey investment cast dropouts
 • 1820g.



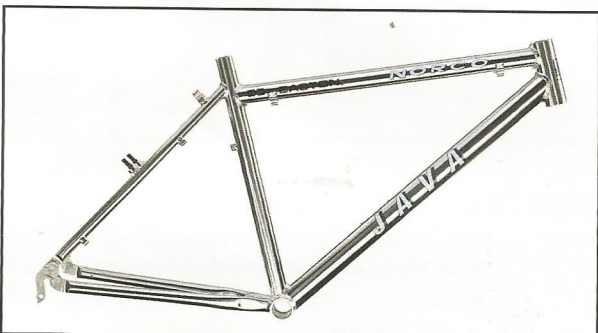
T.N.T.

Down-tube: Tange Ultimate Ultralight (34.9 on 18.5, 20, 22 – 31.8 on 15, 17) • Top-tube: Tange Ultimate superlight 30.0mm • Seat-tube: Tange Prestige Concept • Double-buttet AFS seat-stays
 • Double-buttet chain-stays. Ritchey cold-forged dropouts • 1920g.



JAVA

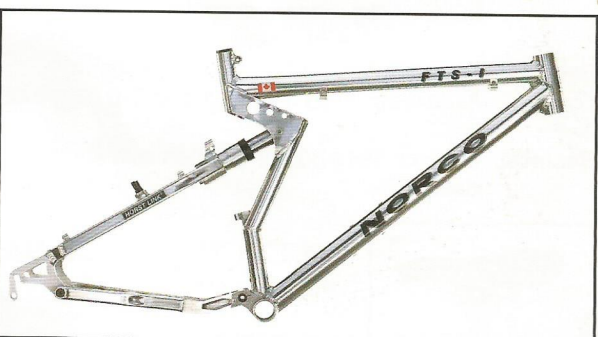
Easton Elan 3 double-buttet aluminum main triangle • Designed for 31.8 top-pull front changer, 68mm B.B., 1 1/8" head set, 31.8mm external seat clamp • 1590g.



FTS-1

CU-92 6013 aluminum frame & stays • Custom top-tube/seat-tube suspension mono coque • Horst-Link rear end with 16mm pivot pin and short, torsionally rigid seat-stays • 31.8 seat-tube • 1 1/8" headset.

	Seat-tube C-C	Seat-tube C-T	Theoretical top-tube	Centre-centre top-tube	Head-tube	Head-angle	Seat-angle	BB
Small	419	356	546	528	105	71.5°	73°	73mm
Med	458	393	592	566	121	71.5°	73°	73mm
Large	495	432	616	592	152	71.5°	73°	73mm

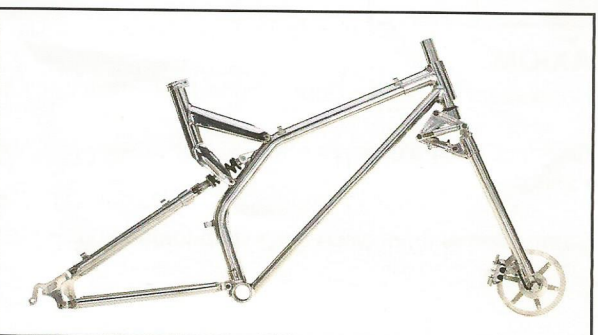


AMP

New 1995 B4 design with shorter shock stays • Horst-Link rear suspension 2.75" travel • Amp linkage suspension fork for the ultimate in torsional rigidity • 6061-T6 frame (4.5lbs) • Fork (2.6lbs) • 31.8 seat-tube • 1 1/8" headset • Shown with optional disk brake.

	Top-tube M-M	Seat-tube	Chain-stay	Wheel-base	Stand-over
Small	562	432	425	710	1051
Med	588	470	427	721	1077
Large	606	521	429	757	1099

• B3 Version also available but not shown



TECHNICAL SPECIFICATIONS



MARZOCCHI XC-600

- Speed-sensitive valving • 4-valve progressive hydraulic damping • 50% reduction in stiction over XC-500 • 6-position external valve adjuster with lock-out
- Oversized 26mm Stanchion tubes, forged crown and arch for improved torsional rigidity • Telescopic bushing system • 51mm travel
- 2lbs 15oz

MARZOCCHI XCR

- Speed-sensitive valving • 6-position external valve adjuster with lock-out
- Oversized 26mm Stanchion tubes, forged crown and arch for improved torsional rigidity • Long overlap design resists fore/aft play • Hydraulic damping • 51mm travel
- 2lbs 14oz

MARZOCCHI ZOKES

- Mono forged crown and arch resist torsional flex • Long stack (6") multi-durometer elastomer with spring rebound damping • Zero friction telescopic bushing system
- Adjustable preload tuning • Interchangeable elastomer stack • 50mm travel
- 3lbs 4oz.

BONTRAGER

- Rims: Red label: 370g double wall, non eyelet. 22mm.
 Blue label: 410g double wall, non eyelet 22mm.
 BCX1: 390g reinforced spoke nipple bed. Stiff triangle pin tunnel.
 BCX2: 440g reinforced spoke nipple bed. Stiff triangle pin tunnel.
 BCX3: 475g reinforced spoke nipple bed. Stiff triangle pin tunnel.

- Bars: Titanium: 150g 3-2.5 titanium (560mm)
 Aluminum: 175g double-buttet T-6 heat-treated for long fatigue life.

- Seatpost: Carbon: 191g 350mm carbon with aluminum reinforcement. Double bolt design.



VETTA TRI-SHOCK SADDLE

- MacPherson strut design rail supports • Vanadium 202g • Manganese 220g • Synthetic leather covers.

AXIOM

- Handlebar: T-6-6061 • Double-buttet • Heat-treated • 175g.

- Seatpost: 6061 aluminum • 300, 330 or 350mm • Double bolt clamp design • Heat-treated • 258g.

- Stem: Internal 6mm cinch bolt • Cold-forged 6061 • 100, 115, 130 or 145mm • 160g.



RACE LACING

- DT stainless spokes • 15g front • 15g left rear, 14g right rear • Torsional stronger than double butted 14/15g, lighter than all 14g rear.

GRIPSHIFT SRT-800 X-RAY

- 24-speed • Super-short rotation per shift, 40° front, 19° rear • Friction front • 1.05" shifter length • Clear casing • Fully sealed • Crisp metal spring • 125g.

SRT 600

- 24 or 21-speed • Super-short rotation per shift, 40° front, 19° rear • Friction front • 1.25" shifter length • Fully sealed • Crisp metal spring • 135g.

SRT 400

- 21-speed • Short rotation shifts, 40° front, 23° rear • Friction front • 1.65" shifter length • Treacherous path seal • Crisp metal spring

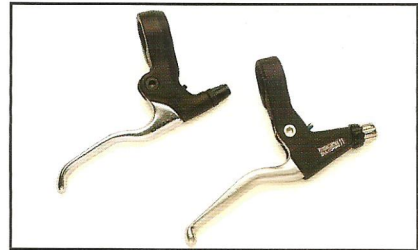


TEKTRO BRAKE LEVERS

- 190g • Aluminum bracket and lever • Ergonomic design for use with gripshift.

DIA-COMPE

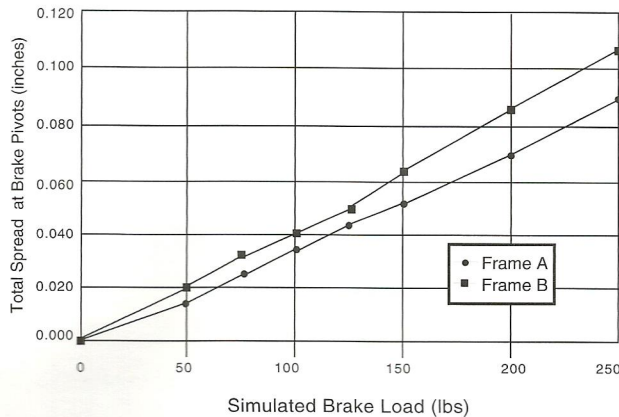
- PC-11: 190g • Forged lever • Cast bracket • Bead blast finish • Dual-stage power control for outstanding modulation.
- PC-7: 208g • Forged lever • Cast bracket • Designed for use with gripshift • Dual-stage power control for outstanding modulation.



AFS STAYS

- Antiflex rear stays • 15% stiffer than standard stays • Reduced stay flex under heavy braking without the weight penalty of thicker gauge stays.

NORCO PRODUCTS LTD.



CABLE ROUTING

- 5/7 o'clock triple top-tube cable routing under top-tube • cables and cable stops are clear of knees and legs.

SEAT BINDER

- Front mount seat binder keeps water and dirt out of seat-tube.



2600²⁵ 2100²⁵ 2100²⁵ 1599²⁵ 1399²⁵ 1199²⁵ 1099²⁵ 999²⁵ 899²⁵ 839²⁵

MODEL	TEAM ISSUE	FTS-1	T.N.T.	RAMPAGE	JAVA	NITRO (Suspension)	NITRO (Rigid)	SASQUATCH (Suspension)	SASQUATCH (Rigid)	TANGO
FRAME AND REAR STAYS:	D/T: Ritchey WCS superlight. T/T: Ritchey WCS superlight. S/T: Tange Prestige concept outerbutted dbl. butted AFS s-stays. Butted c-stays, cold forged Ritchey dropouts	CU-92 6013 aluminum frame & stays. Custom suspension top-tube/seat-tube monocoque. Risse shock. Pivots with bearings. Extra drop c-stays resist chain slap.	D/T: Tange ultimate ultralight. T/T: Tange ultimate superlight. S/T: Tange Prestige concept outerbutted dbl. butted AFS s-stays. Butted c-stays, cold forged Ritchey dropouts	D/T: Tange ultimate ultralight. T/T: Tange ultimate superlight. S/T: Tange Prestige concept outerbutted dbl. butted AFS s-stays. Butted c-stays, cold forged Ritchey dropouts	Easton Elan 3 double butted heat-treated aluminum with o/s seat and chain stays	Tange Prestige O/S 34.9 d-tube with 33mm double butted mtb t-tube. Chro-moly triple tapered AFS s-stays and single tapered c-stays	Tange Prestige O/S 34.9 d-tube with 33mm double butted mtb t-tube. Chro-moly triple tapered AFS s-stays and single tapered c-stays	Tange mtb special drawn reduced diameter double butted chro-moly. Triple tapered chro-moly s-stays and c-stays. Cold forged drop-outs.	Tange mtb special drawn reduced diameter double butted chro-moly. Triple tapered chro-moly s-stays and c-stays. Cold forged drop-outs.	Tange mtb special drawn reduced diameter double butted chro-moly. Triple tapered chro-moly s-stays and c-stays. Cold forged drop-outs.
FORK:	Marzocchi XC-600 hydraulic suspension	Marzocchi XCR adjustable air/oil	Marzocchi XC-600 hydraulic suspension	Marzocchi XCR adjustable air/oil	Marzocchi XCR adjustable air/oil	Marzocchi XCR adjustable air/oil	Kinesis 6061 aluminum 650 g.	Marzocchi XCR air/oil or zokes elastomer.	Tange full-chro-moly tapered blade	Tange full-chro-moly tapered blade
HEADSET:	Dia-Compe cartridge #DLC	Tioga 11/8" threadless	Tange threadless alloy	Tange threadless alloy	Tioga 11/8" threadless	Tioga 11/8" threadless	Tioga 11/8" threadless	Tioga 11/8" threadless	Tioga 11/8" threadless	Sealed mech ATB
CRANKSET:	Flight controls Kukamunga. 20-32-42T compact. 175 or 180mm	Sugino Impel 300. 20-32-42T compact w/pick-up teeth. (170 or 175mm)	Sugino Mity 900 (coldforged). 20-32-42T compact w/pick-up teeth. (170,172.5, 175 or 177.5)	Sugino Impel 500. 20-32-42T compact w/pick-up teeth. (170 or 175mm)	Sugino Impel 300. 20-32-42T compact w/pick-up teeth. (170 or 175mm)	Sugino Impel 350. 20-32-42T compact w/pick-up teeth. (170 or 175mm)	Sugino Impel 350. 20-32-42T compact w/pick-up teeth. (170 or 175mm)	Sugino Impel 300. 20-32-42T compact w/pick-up teeth. (170 or 175mm)	Sugino Impel 350. 20-32-42T compact w/pick-up teeth. (170 or 175mm)	Sugino Impel 350. 20-32-42T compact w/pick-up teeth. (170 or 175mm)
DERAILLEURS:	Rr.: Shimano XTR Fr.: Shimano Deore XT top-pull	Rr.: Shimano Deore LX Fr.: Shimano Deore STX top-pull	Rr.: Shimano XTR Fr.: Shimano Deore XT top-pull	Rr.: Shimano Deore XT Fr.: Shimano Deore XT top-pull	Rr.: Shimano Deore LX Fr.: Shimano Deore STX top-pull	Rr.: Shimano Deore XT Fr.: Shimano Deore LX top-pull	Rr.: Shimano Deore LX Fr.: Shimano Deore LX top-pull	Rr.: Shimano Deore LX Fr.: Shimano Deore STX top-pull	Rr.: Shimano Deore XT Fr.: Shimano Deore XT top-pull	Rr.: Shimano Deore XT Fr.: Shimano Deore LX
SHIFTLEVERS:	Gripshift SRT-800 X-ray short rotation (sealed)	Gripshift SRT-400 short rotation (21-spd.)	Gripshift SRT-800 X-ray short rotation (sealed)	Gripshift SRT-600 short rotation (24-spd.)	Gripshift SRT-400 short rotation (21-spd.)	Gripshift SRT-600 short rotation (24-spd.)	Shimano Deore LX rapid-fire plus. (24-spd.)	Gripshift SRT-400 short rotation (21-spd.)	Shimano Deore LX rapid-fire plus. (21-spd.)	Gripshift SRT-600 short rotation (24-spd.)
FREEWHEEL:	Shimano Deore XT 8-spd. 11-28T	Shimano HG-50 7-spd. 11-28T	Shimano Deore XT 8-spd. 11-28T	Shimano Deore LX 8-spd. 11-28T	Shimano HG-50 7-spd. 11-28T	Shimano Deore LX 8-spd. 11-28T	Shimano Deore LX 8-spd. 11-28T	Shimano HG-50 7-spd. 11-28T	Shimano HG-70 7-spd. 11-28T	Shimano Deore LX 8-spd. 11-28T
CHAIN:	Shimano HG-90 narrow	Shimano HG-50 hyperglide	Shimano HG-70 XT hyperglide	Shimano HG-70 hyperglide	Shimano HG-50 hyperglide	Shimano HG-70 hyperglide	Shimano HG-70 hyperglide	Shimano HG-50 hyperglide	Shimano HG-70 hyperglide	Shimano HG-70 hyperglide
HUBS:	BICI CNC with front susp. axle (16mm)	Shimano STX-RC w/fr. susp. axle (10mm)	Shimano Deore XT w/fr. susp. axle (11mm)	Shimano Deore LX w/fr. susp. axle (10mm)	Shimano STX-RC w/fr. susp. axle (10mm)	Shimano Deore LX w/fr. susp. axle (10mm)	Shimano Deore LX w/fr. susp. axle (10mm)	Shimano STX-RC w/fr. susp. axle (10mm)	Shimano Deore LX w/fr. susp. axle (10mm)	Shimano Deore LX w/fr. susp. axle (10mm)
SPOKES:	DT stainless race lace 14/15G	DT stainless race lace 14/15G	DT stainless race lace 14/15G	DT stainless race lace 14/15G	DT stainless race lace 14/15G	DT stainless race lace 14/15G	DT stainless race lace 14/15G	DT stainless race lace 14/15G	DT stainless race lace 14/15G	DT stainless race lace 14/15G
RIMS:	Bontrager red and blue label BCX	Bontrager BCX-3 32 hole	Mavic 231 double wall w/eylets. 32H	Mavic 231 double wall w/eylets. 32H	Bontrager BCX-3 32 hole	Fr.: Bontrager BCX-2 Rr.: Bontrager BCX-3	Fr.: Bontrager BCX-2 Rr.: Bontrager BCX-3	Bontrager BCX-3 32 hole	Fr.: Bontrager BCX-2 Rr.: Bontrager BCX-3	Fr.: Bontrager BCX-2 Rr.: Bontrager BCX-3
TIRES:	Panaracer XC-magic AX Kevlar F&R	Tioga Psycho-II 26x1.95	Ritchey megabite Z-max 26x2.1 Kevlar	Ritchey megabite Z-max 26x2.1 Kevlar	Tioga Psycho-II 26x1.95	Tioga Psycho-II 26x1.95	Tioga Psycho-II 26x1.95	Tioga Psycho-II 26x1.95	Tioga Psycho-II 26x1.95	Tioga Psycho-II 26x1.95
BRAKES:	Dia-compe Trail Bonz CNC Cantis w/PC-11 power control levers	Shimano multi-condition MC-12 w/Tektro 366 alloy levers	Shimano Deore XT w/dia-compe PC-7 power control levers	Shimano Deore LX w/dia-compe PC-7 power control levers	Shimano multi-condition MC-12 w/Tektro 366 alloy levers	Shimano multi-condition MC-12 w/Tektro 366 alloy levers	Shimano multi-condition MC-12 w/combo LX levers	Shimano multi-condition MC-12 w/Tektro 366 alloy levers	Shimano multi-condition MC-12 w/Shimano combo levers	Shimano multi-condition MC-12 w/Tektro 366 alloy levers
PEDALS:	Shimano 747 XT clipless	Wellgo alloy cage w/clips and straps	Shimano 747 XT clipless	Shimano 535 DX clipless	Wellgo alloy cage w/clips and straps	Tioga SF-6 alloy cage w/clips and straps	Tioga SF-6 alloy cage w/clips and straps	Wellgo alloy cage w/clips and straps	Wellgo alloy cage w/clips and straps	Wellgo alloy cage w/clips and straps
HANDLEBARS:	Bontrager/Titec 175gr Titanium	Axiom 6061 D/B T6 170g alloy	Bontrager/Titec 175gr Alloy	Bontrager/Titec 175gr alloy	Axiom 6061 D/B T6 170g alloy	Axiom 6061 D/B T6 170g alloy	Axiom 6061 D/B T6 170g alloy	Axiom 6061 D/B T6 170g alloy	Axiom 6061 D/B T6 170g alloy	Axiom 6061 D/B T6 170g alloy
STEM:	Axiom 6061 cold forged threadless	Axiom 6061 cold forged threadless	Axiom 6061 cold forged threadless	Axiom 6061 cold forged threadless	Axiom 6061 cold forged threadless	Axiom 6061 cold forged threadless	Axiom 6061 cold forged threadless	Axiom 6061 cold forged threadless	Axiom 6061 cold forged threadless	10° competition rise w/satin finish
SEATPOST:	Bontrager/Titec C-191 carbon	Axiom 6061 double bolt style. 27.0	Axiom 6061 double bolt style. 27.2	Axiom 6061 double bolt style. 27.2	Axiom 6061 double bolt style. 27.0	Axiom 6061 double bolt style. 27.2	Axiom 6061 double bolt style. 27.2	Axiom 6061 double bolt style. 27.0	Axiom 6061 double bolt style. 27.0	Axiom 6061 double bolt style. 27.0
SADDLE:	Vetta TT Tri-shock Vanadium. (Leather)	Vetta TT Tri-shock	Ritchey Vector Titanium	Vetta TT Tri-shock Manganese	Vetta TT Tri-shock	Vetta TT Tri-shock Manganese	Vetta TT Tri-shock Manganese	Vetta TT Tri-shock	Vetta TT Tri-shock	Vetta TT Tri-shock
FRAME WEIGHT:	1820g	2260g	1920g	1920g	1590g	2100g	2100g	2150g	2150g	2150g
BIKE WEIGHT:	24.65lbs.	26.65lbs.	24.90lbs.	25.35lbs.	24.75lbs.	26.25lbs.	24.75lbs.	26.45lbs.	25.50lbs.	25.50lbs.

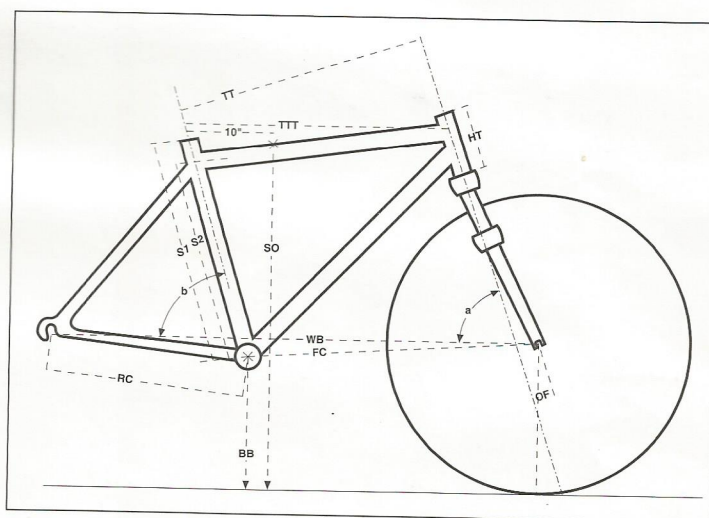
RACE-PROVEN GEOMETRY

Through extensive testing under racing conditions, Norco has continued to enhance the responsiveness and ride characteristics of our competition bikes.

Our 1995 frame designs build on our past success and reputation for producing bikes that not only excel in single track/cross-country conditions but also in downhill events, giving you control and confidence in high-speed technical situations. A testament to the versatility of Norco designs are the number of Canada Cup, and Norba X-country, Downhill, and Dual Slalom victories and podium results.

In addition to handling response we have also focused on maximizing rider fit, and continue our commitment to size-specific geometry by adjusting seat-tube angles, head-tube angles and top-tube lengths to custom-tailor rider compartments for each frame size. Top-tubes have been lowered to increase standover clearance, and provide additional torsional rigidity.

- S1 = Seat Tube (centre-top)
- S2 = Seat Tube (centre-centre)
- S0 = Standover height (10" in front of TTT & S1 intersection)
- TTT = Theoretical Top Tube
- TT = Top Tube (centre-centre)
- HT = Head Tube
- RC = Chain Stay or Rear Centre
- FC = Front Centre
- WB = Wheelbase
- a = Head Tube length
- b = Seat Tube angle
- OF = Fork Offset
- BB = Bottom Bracket height
- * = All weights are approximate



SIZE	S1	S2	S0	TTT	TT	HT	RC	FC	WB	a	b	OF	BB DROP
15"	381	306	685	543	525	93	425	608	1031	70.5°	74°	39	306
17"	435	360	725	565	543	106	425	625	1049	71°	74°	39	306
18.5"	475	400	752	590	564	121	425	640	1064	71°	73°	39	311
20"	510	435	778	612	588	136	425	660	1083	71°	72.5°	39	311
22"	560	485	818	630	610	166	425	673	1097	71°	72.5°	39	311

- All Norco bicycles are available in 15", 17", 18.5", 20" or 22".
(Exception: **FTS-1** – S, M, L and **Java** – 17", 18.5", 20")
- All data is based on geometry with Marzocchi XC600 or XCR fork.
For rigid bicycles the following changes are relevant.
FC (-6mm), **WB** (-6mm), **a,b** (+3/4°), **BB** (-8mm), **S0** (-8mm).

PLAY IT SAFE!

Extreme and technical trail riding can increase the dangers inherent in bicycling. At NORCO we view rider safety as #1. Always ride with an approved cycling helmet and gloves. Additional cycling apparel will only further increase your cycling protection, not to mention increasing your enjoyment and comfort. Here are some other helpful tips which should help you enjoy your new NORCO more safely:

- Ride terrain within your skill limitations.
- Control your speed
- Learn, and obey all traffic rules that apply to cycling.
- Never ride alone, and be sure to inform someone where your group is going riding.
- Before each ride do a maintenance check on your bicycle (as outlined in your owner's manual). Also remember to insure that the quick-release skewers on your wheel are properly closed.
- Be prepared. Carry spare tubes, tools, and a first-aid kit.

The above information should help you to safely enjoy the exciting sport of mountain biking. Above all, use common sense, and have fun.



YOUR 1995 NORCO DEALER

- Printed in Canada by Hemlock Printers
- Photography by Montizambert Photography
- Action photography by Singletrack Photography and Dave Ovenden



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