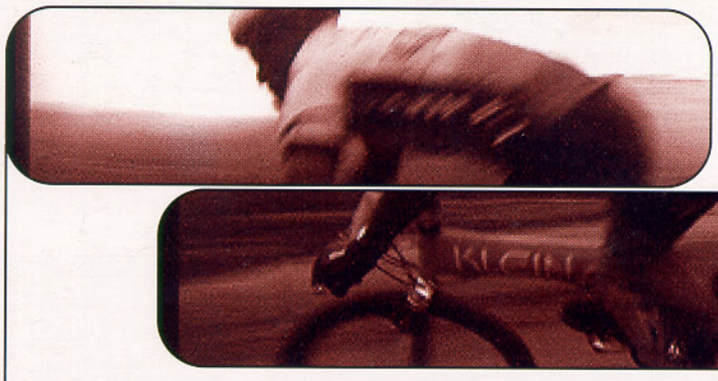


KLEIN



DEALER MANUAL 1996

KLEIN

Engineering:

The application of science and mathematics

by which the properties of matter

and the sources of energy in nature

are made useful to people.

(Merriam Webster's Collegiate dictionary)

What would you do with an M.I.T. engineering degree in 1975? If you were Gary Klein – then a Category 2 amateur racer who had already conducted bicycle frame analysis as an undergraduate – you would take your engineering degree, and your passion for high performance, high quality and innovation, and start building better bikes than you could find on the market. You want to win races. You want to explore the potential of materials and design. So in Cambridge, Massachusetts, in 1975, you start building bikes. Lightweight, road racing bikes with extremely rigid frames that weigh 3¼ to 4 pounds, win a patent and upset the myth that a torsionally rigid frame equals a harsh ride. And you keep building bikes that earn more patents, win races and seem to last forever.

Today, Klein Bicycle Corp. is nestled between the Cascade Mountains and the Olympic Mountain Range, in the green, rain-forest environment of Chehalis, Washington. Which gives the bikers making Klein bikes a wide range of field-testing opportunities from wet and muddy to dry and rocky. Bikes get field-tested, race-team-tested and lab-tested, using computer models and finite element analysis. This knowledge is combined with owner feedback gained through a close relationship with dealers and distributors and is quickly translated into improvements in the bikes.

If you get to know Gary Klein, you begin to understand why his bikes are so good. His standards are, simply, the highest. He demands that his bikes be built to perform. And to last. No fads. No shortcuts. No product brought to market unless it is clearly superior to what's out there. The payback for such intelligence, careful design, hard work and attention to detail? Klein bikes rightfully enjoy an enviable status as the lightest, strongest, most uncompromising bikes on the market.

Much is special about Klein bikes. Like the fuselage concept, which means the frame, fork, stem and headset are included in the weight reading, and the entire fuselage is designed to perform as a complete unit from the handlebars back. Or guaranteed life-long frame alignment, achieved by heat-treating every bike, aligning it with micrometers and heat-treating it again to set the alignment. Or the Klein Airhead set, using completely sealed torque tube aircraft bearings in its assembly, making it stronger, more rigid and virtually maintenance-free.

What makes a Klein better? Attention to detail. Testing. Gloriously durable urethane paint. Painstaking hand construction. Patented innovation. Many, many, well-deserved, hard-earned patents. Strength, lightness and durability. Better performing individual parts and parts as a whole. Caring. Commitment. And twenty years experience engineering the best bicycles on the market.

QUANTUM PRO



AEOLUS



KLEIN Nothing Else Even Comes Close.

QUANTUM



QUANTUM II



KLEIN Nothing Else Even Comes Close.

QUANTUM PRO

Road Bike

Group	Shimano Dura-Ace	Campagnolo Chorus	Shimano Dura-Ace Tune
Frame sizes	20.1"/51cm, 20.9"/53cm, 21.7"/55cm, 22.4"/57cm, 23.2"/59cm, 24.0"/61cm, 24.8"/63cm	20.1"/51cm, 20.9"/53cm, 21.7"/55cm, 22.4"/57cm, 23.2"/59cm, 24.0"/61cm, 24.8"/63cm	20.1"/51cm, 20.9"/53cm, 21.7"/55cm, 22.4"/57cm, 23.2"/59cm, 24.0"/61cm, 24.8"/63cm
Color	Burgundy Blue Linear	Burgundy Blue Linear	Burgundy Blue Linear
Fork	Klein Aeros	Klein Aeros	Klein Aeros
Headset	Klein Airhead	Klein Airhead	Klein Airhead
Handlebar	ITM Pro 2, 250g	ITM Pro 2, 250g	ITM Pro 2, 250g
Stem	Klein Airhead	Klein Airhead	Klein Airhead
Bottom bracket/spindle	Klein Precision	Klein Precision	Tune Titanium Precision
Crankset	Shimano Dura-Ace 172.5/175	Campagnolo Chorus 172.5/175	Shimano Dura-Ace with Tune Kit 172.5/175
Chainrings	Shimano Dura-Ace 53/39	Campagnolo Chorus 53/39	Shimano Dura-Ace 53/39
Rear derailleur	Shimano Dura-Ace	Campagnolo Chorus	Shimano Dura-Ace with Tune Kit
Front derailleur	Shimano Dura-Ace	Campagnolo Chorus	Shimano Dura-Ace with Tune Kit
Shift levers	Shimano Dura-Ace STI	Campagnolo Chorus Ergo	Shimano Dura-Ace STI with Tune Kit
Chain	Shimano Dura-Ace	Sedis SC-90	Shimano Dura-Ace
Rear cluster	Shimano Dura-Ace 12-23T	Campagnolo Chorus 12-23T	Shimano Dura-Ace 12-23T
Front brake	Shimano Dura-Ace	Campagnolo Chorus Dual Pivot	Shimano Dura-Ace with Tune Kit
Rear brake	Shimano Dura-Ace	Campagnolo Chorus Dual Pivot	Shimano Dura-Ace with Tune Kit
Brake levers	Shimano Dura-Ace	Campagnolo Chorus	Shimano Dura-Ace with Tune Kit
Front hub	Shimano Dura-Ace 32 Hole	Campagnolo Chorus 32 Hole	Shimano Dura-Ace 32 Hole with Tune QR
Rear hub	Shimano Dura-Ace 32 Hole	Campagnolo Chorus 32 Hole	Shimano Dura-Ace 32 Hole with Tune QR
Spokes	14/15g double butted stainless; 14g drive side rear	14/15g double butted stainless; 14g drive side rear	14/15g double butted Titanium; 14g drive side rear
Rims	Matrix Aurora Silver Ceramic	Matrix Aurora Silver Ceramic	Campagnolo Omega V
Tires	Klein Prime 700 x 25C	Klein Prime 700 x 25C	Vittoria Tubular, 140g
Rim strips	Cloth	Cloth	N/A
Tubes	Presta	Presta	N/A
Seatpost	Synchros 31.6 x 230	Synchros 31.6 x 230	Synchros 31.6 x 230
Saddle	Flite with Titanium Rails	Flite with Titanium Rails	Flite with Titanium Rails
Pedals	N/A	N/A	N/A
Grips/tape	Cork Tape	Cork Tape	Cork Tape
Frame weight	2.7 lbs.	2.7 lbs.	2.7 lbs.

AEOLUS

Road Bike

Group	Shimano Ultegra
Frame sizes	20.1"/51cm, 20.9"/53cm, 21.7"/55cm, 22.4"/57cm, 23.2"/59cm, 24.0"/61cm, 24.8"/63cm
Color	Sea & Sky
Fork	Klein Aluminum
Headset	Tange Seiki VR-254 with Frame
Handlebar	ITM Ergo Aero with Frame
Stem	System 2 with Frame
Bottom bracket/spindle	Klein Precision
Crankset	Shimano Ultegra 172.5/175
Chainrings	Shimano Ultegra 53/39
Rear derailleur	Shimano Ultegra
Front derailleur	Shimano Ultegra
Shift levers	Shimano Ultegra STI
Chain	Shimano HG90
Rear cluster	Shimano Ultegra 12-23T
Front brake	Shimano Ultegra
Rear brake	Shimano Ultegra
Brake levers	Shimano Ultegra
Front hub	Spinergy RevX
Rear hub	Spinergy RevX
Spokes	N/A
Rims	Spinergy 650B/700C (59-63 mm)
Tires	Continental 650B/Klein Prime 700C
Rim strips	Cloth
Tubes	Presta
Seatpost	Synchros 31.6 x 230
Saddle	Vetta TT-TS with Vanadium Rails
Pedals	N/A
Grips/tape	Cork Tape
Frame weight	2.7 lbs.

QUANTUM II

Road Bike

Group	Shimano Dura-Ace	Campagnolo Chorus	Shimano Ultegra	Shimano 105 SC	Campagnolo Mirage Triple
Frame sizes	20.1"/51cm, 20.9"/53cm, 21.7"/55cm, 22.4"/57cm, 23.2"/59cm, 24.0"/61cm, 24.8"/63cm	20.1"/51cm, 20.9"/53cm, 21.7"/55cm, 22.4"/57cm, 23.2"/59cm, 24.0"/61cm, 24.8"/63cm	20.1"/51cm, 20.9"/53cm, 21.7"/55cm, 22.4"/57cm, 23.2"/59cm, 24.0"/61cm, 24.8"/63cm	20.1"/51cm, 20.9"/53cm, 21.7"/55cm, 22.4"/57cm, 23.2"/59cm, 24.0"/61cm, 24.8"/63cm	20.1"/51cm, 20.9"/53cm, 21.7"/55cm, 22.4"/57cm, 23.2"/59cm, 24.0"/61cm, 24.8"/63cm
Color	Teal/Blue fade	Teal/Blue fade	Teal/Blue fade	Teal/Blue fade	Teal/Blue fade
Fork	Bonded Carbon	Bonded Carbon	Bonded Carbon	Bonded Carbon	Bonded Carbon
Headset	Tange Seiki VR-254 with Frame	Tange Seiki VR-254 with Frame	Tange Seiki VR-254 with Frame	Tange Seiki VR-254 with Frame	Tange Seiki VR-254 with Frame
Handlebar	System 2 Alloy with Frame	System 2 Alloy with Frame	System 2 Alloy with Frame	System 2 Alloy with Frame	System 2 Alloy with Frame
Stem	System 2 Cro-Moly Road with Frame	System 2 Cro-Moly Road with Frame	System 2 Cro-Moly Road with Frame	System 2 Cro-Moly Road with Frame	System 2 Cro-Moly Road with Frame
Bottom bracket/ spindle	Klein Precision	Klein Precision	Klein Precision	Klein Precision	Klein Precision
Crankset	Shimano Dura-Ace 172.5/175	Campagnolo Chorus 172.5/175	Shimano Ultegra 172.5/175	Shimano 105 172.5/175	Campagnolo Mirage 170/175
Chainrings	Shimano Dura-Ace 53/39	Campagnolo Chorus 53/39	Shimano Ultegra 53/39	Shimano 105 53/39	Campagnolo Mirage 52/42/32
Rear derailleur	Shimano Dura-Ace	Campagnolo Chorus	Shimano Ultegra	Shimano 105 SC	Campagnolo Mirage GS
Front derailleur	Shimano Dura-Ace	Campagnolo Chorus	Shimano Ultegra	Shimano 105 SC	Campagnolo Mirage GS
Shift levers	Shimano Dura-Ace STI	Campagnolo Chorus Ergo	Shimano Ultegra STI	Shimano 105 STI	Campagnolo Mirage Ergo
Chain	Shimano Dura-Ace	Sedis SC-90	Shimano HG90	Shimano HG70	Sedis SC-30
Rear cluster	Shimano Dura-Ace 12-23T	Campagnolo Chorus 12-23T	Shimano HG90 12-23T	Shimano HG70 12-23T	Campagnolo Mirage 12-23T
Front brake	Shimano Dura-Ace	Campagnolo Chorus Dual Pivot	Shimano Ultegra	Shimano 105 SC	Campagnolo Mirage MonoPlaner
Rear brake	Shimano Dura-Ace	Campagnolo Chorus Dual Pivot	Shimano Ultegra	Shimano 105 SC	Campagnolo Mirage MonoPlaner
Brake levers	Shimano Dura-Ace	Campagnolo Chorus	Shimano Ultegra	Shimano 105 SC	Campagnolo Mirage
Front hub	Shimano Dura-Ace 32 Hole	Campagnolo Chorus 32 Hole	Shimano Ultegra 32 Hole	Shimano 105 32 Hole	Campagnolo Mirage 32 Hole
Rear hub	Shimano Dura-Ace 32 Hole	Campagnolo Chorus 32 Hole	Shimano Ultegra 32 Hole	Shimano 105 32 Hole	Campagnolo Mirage 32 Hole
Spokes	14/15g double butted stainless; 14g drive side rear	14/15g double butted stainless; 14g drive side rear	14/15g double butted stainless; 14g drive side rear	14/15g double butted stainless; 14g drive side rear	14/15g double butted stainless; 14g drive side rear
Rims	Matrix Aurora Ceramic	Matrix Aurora Ceramic	Matrix Aurora Silver Anodized	Matrix Aurora Silver Anodized	Matrix Aurora Silver Anodized
Tires	Klein Prime 700 x 25C	Klein Prime 700 x 25C	Klein Prime 700 x 25C	Klein Prime 700 x 25C	Klein Prime 700 x 25C
Rim strips	Cloth	Cloth	Cloth	Cloth	Cloth
Tubes	Presta	Presta	Presta	Presta	Presta
Seatpost	Synchros 31.6 x 230	Synchros 31.6 x 230	System 2 31.6 x 250	System 2 31.6 x 250	System 2 31.6 x 250
Saddle	Flite with Titanium Rails	Flite with Titanium Rails	Vetta TT-TS with Vanadium Rails	Vetta TT-TS with Manganese Rails	Vetta TT-TS with Manganese Rails
Pedals	N/A	N/A	N/A	N/A	N/A
Grips/tape	Cork Tape	Cork Tape	Cork Tape	Cork Tape	Cork Tape
Frame weight	2.7 lbs.	2.7 lbs.	2.7 lbs.	2.7 lbs.	2.7 lbs.

QUANTUM
Road Bike

Group	Shimano Ultegra	Shimano 105 SC	Campagnolo Mirage Triple
Frame sizes	20.1"/51cm, 20.9"/53cm, 21.7"/55cm, 22.4"/57cm, 23.2"/59cm, 24.0"/61cm, 24.8"/63cm	20.1"/51cm, 20.9"/53cm, 21.7"/55cm, 22.4"/57cm, 23.2"/59cm, 24.0"/61cm, 24.8"/63cm	20.1"/51cm, 20.9"/53cm, 21.7"/55cm, 22.4"/57cm, 23.2"/59cm, 24.0"/61cm, 24.8"/63cm
Color	White Pearl	White Pearl	White Pearl
Fork	Bonded Aluminum	Bonded Aluminum	Bonded Aluminum
Headset	Tange Seiki Levin CDS with Frame	Tange Seiki Levin CDS with Frame	Tange Seiki Levin CDS with Frame
Handlebar	System 2 Road with Frame	System 2 Road with Frame	System 2 Road with Frame
Stem	System 2 Cro-Moly Road with Frame	System 2 Cro-Moly Road with Frame	System 2 Cro-Moly Road with Frame
Bottom bracket/spindle	Klein Precision	Klein Precision	Klein Precision
Crankset	Shimano Ultegra 172.5/175	Shimano 105 172.5/175	Campagnolo Mirage 170/175
Chainrings	Shimano Ultegra 53/39	Shimano 105 53/39	Campagnolo Mirage 52/42/32
Rear derailleur	Shimano Ultegra	Shimano 105 SC	Campagnolo Mirage GS
Front derailleur	Shimano Ultegra	Shimano 105 SC	Campagnolo Mirage GS
Shift levers	Shimano Ultegra STI	Shimano 105 STI	Campagnolo Mirage Ergo
Chain	Shimano HD90	Shimano HG70	Sedis SC-30
Rear cluster	Shimano HD90 12-23T	Shimano HG70 12-23T	Campagnolo Mirage 12-23T
Front brake	Shimano Ultegra	Shimano 105 SC	Campagnolo Mirage MonoPlaner
Rear brake	Shimano Ultegra	Shimano 105 SC	Campagnolo Mirage MonoPlaner
Brake levers	Shimano Ultegra	Shimano 105 SC	Campagnolo Mirage
Front hub	Shimano Ultegra 32 Hole	Shimano 105 32 Hole	Campagnolo Mirage 32 Hole
Rear hub	Shimano Ultegra 32 Hole	Shimano 105 32 Hole	Campagnolo Mirage 32 Hole
Spokes	14/15g double butted stainless; 14g drive side rear	14/15g double butted stainless; 14g drive side rear	14/15g double butted stainless; 14g drive side rear
Rims	Matrix Aurora Silver Anodized	Matrix Aurora Silver Anodized	Matrix Aurora Silver Anodized
Tires	Klein Prime 700 x 25C	Klein Prime 700 x 25C	Klein Prime 700 x 25C
Rim strips	Cloth	Cloth	Cloth
Tubes	Presta	Presta	Presta
Seatpost	System 2 27.2 x 250	System 2 27.2 x 250	System 2 27.2 x 250
Saddle	Vetta TT-TS with Vanadium Rails	Vetta TT-TS with Manganese Rails	Vetta TT-TS with Manganese Rails
Pedals	N/A	N/A	N/A
Grips/tape	Cork Tape	Cork Tape	Cork Tape
Frame weight	3.5 lbs.	3.5 lbs.	3.5 lbs.

ATTITUDE



ADROIT



KLEIN Nothing Else Even Comes Close.

MANTRA PRO



KLEIN Nothing Else Even Comes Close.

ADROIT

Mountain Bike

Group	Shimano XTR	Shimano Deore XT	Shimano Deore XT Tune
Frame sizes	XS 18.0" 46cm, SM 19.0" 48cm, MD 20.0" 53cm, LG 21.0" 55cm, XL 22.0" 57cm	XS 18.0" 46cm, SM 19.0" 48cm, MD 20.0" 53cm, LG 21.0" 55cm, XL 22.0" 57cm	XS 18.0" 46cm, SM 19.0" 48cm, MD 20.0" 53cm, LG 21.0" 55cm, XL 22.0" 57cm
Color	Burgundy Blue Linear	Burgundy Blue Linear	Burgundy Blue Linear
Fork options	Klein Strata Unicrown, Rock Shox Judy SL	Klein Strata Unicrown, Rock Shox Judy SL	Klein Strata Unicrown, Rock Shox Judy SL
Headset	Klein Airhead	Klein Airhead	Klein Airhead
Handlebar	Klein MC2	Klein MC2	Klein MC2
Stem	Klein MC2	Klein MC2	Klein MC2
Bottom bracket/spindle	Klein Precision	Klein Precision	Tune Titanium Precision
Crankset	Shimano XTR 175	Shimano Deore XT 175	Tune Shimano Deore XT Pattern 175
Chainrings	Shimano XTR 46/36/26	Shimano Deore XT 44/32/22	Shimano Deore XT 44/32/22
Rear derailleur	Shimano XTR	Shimano Deore XT	Shimano XTR with Tune Kit
Front derailleur	Shimano XTR Top Swing	Shimano Deore XT Top Swing	Shimano Deore XT Top Swing with Tune Kit
Shift levers	Shimano XTR RapidFire SL	Shimano Deore LX RapidFire SL	Shimano Deore LX RapidFire SL with Tune Kit
Chain	Shimano IG90	Shimano IG90	Shimano IG90
Rear cluster	Shimano XTR 12-32, 8spd	Shimano Deore XT 11-28, 8spd	Shimano Deore XT 11-28, 8spd
Front brake	Shimano XTR V-Brake	Shimano Deore XT Cantilever	Shimano Deore XT Cantilever with Tune Kit
Rear brake	Shimano XTR V-Brake	Shimano Deore XT Cantilever	Shimano Deore XT Cantilever with Tune Kit
Brake levers	Shimano XTR V-Brake	Shimano Deore LX	Shimano Deore LX with Tune Kit
Front hub	Shimano XTR 32 Hole	Shimano Deore XT 32 Hole	Tune Precision 32 Hole
Rear hub	Shimano XTR 32 Hole	Shimano Deore XT 32 Hole	Tune Precision 32 Hole
Spokes	14/15g double butted stainless; 14g drive side rear	14/15g double butted stainless; 14g drive side rear	14/15g double butted Titanium; 14g drive side rear
Rims	BCX Red and Blue	BCX Red and Blue	BCX Red and Blue
Tires	Klein DeathGrip 26 x 2.35"	Klein DeathGrip 26 x 2.35"	Klein DeathGrip 26 x 2.35"
Rim strips	Cloth	Cloth	Cloth
Tubes	Klein Cloud 9, 100g	Klein Cloud 9, 100g	Klein Cloud 9, 100g
Seatpost	Synchros 7075 31.6 x 350	Synchros 7075 31.6 x 350	Synchros 7075 31.6 x 350
Saddle	Flite with Titanium Rails	Vetta TT-TS with Vanadium Rails	Flite with Titanium Rails
Pedals	Shimano SPD M747 clipless	Shimano SPD M747 clipless	Shimano SPD M747 clipless with Titanium axle
Grips/tape	Klein Instinct	Klein Instinct	Klein Instinct
Frame weight	3.0 lbs.	3.0 lbs.	3.0 lbs.

ATTITUDE

Mountain Bike

Group	Shimano XTR	Shimano Deore XT
Frame sizes	XS 18.0" 46cm SM 19.0" 48cm MD 20.0" 53cm LG 21.0" 55cm XL 22.0" 57cm	XS 18.0" 46cm SM 19.0" 48cm MD 20.0" 53cm LG 21.0" 55cm XL 22.0" 57cm
Color	Team	Team
Fork options	Rock Shox Judy XC, Rock Shox Judy SL	Rock Shox Judy XC, Rock Shox Judy SL
Headset	Klein Airhead	Klein Airhead
Handlebar	Klein MC2	Klein MC2
Stem	Klein MC2	Klein MC2
Bottom bracket/spindle	Klein Precision	Klein Precision
Crankset	Shimano XTR 175	Shimano Deore XT 175
Chainrings	Shimano XTR 46/36/26	Shimano Deore XT 44/32/22
Rear derailleur	Shimano XTR	Shimano Deore XT
Front derailleur	Shimano XTR Top Swing	Shimano Deore XT Top Swing
Shift levers	Shimano XTR RapidFire SL	Shimano Deore LX RapidFire SL
Chain	Shimano IG90	Shimano IG90
Rear cluster	Shimano XTR 12-32, 8spd	Shimano Deore XT 11-28, 8spd
Front brake	Shimano Deore XTR V-Brake	Shimano Deore XT Cantilever
Rear brake	Shimano Deore XTR V-Brake	Shimano Deore XT Cantilever
Brake levers	Shimano XTR V-Brake	Shimano Deore LX
Front hub	Shimano XTR 32 Hole	Shimano Deore XT 32 Hole
Rear hub	Shimano XTR 32 Hole	Shimano Deore XT 32 Hole
Spokes	14/15g double butted stainless; 14g drive side rear	14/15g double butted stainless; 14g drive side rear
Rims	BCX Red and Blue	BCX Red and Blue
Tires	Klein DeathGrip 26 x 2.35"	Klein DeathGrip 26 x 2.35"
Rim strips	Cloth	Cloth
Tubes	Klein Cloud 9, 100g	Klein Cloud 9, 100g
Seatpost	Synchros 7075 31.6 x 350	Synchros 7075 31.6 x 350
Saddle	Flite with Titanium Rails	Vetta TT-TS with Vanadium Rails
Pedals	Shimano SPD M747 clipless	Shimano SPD M747 clipless
Grips/tape	Klein Instinct	Klein Instinct
Frame weight	3.0 lbs.	3.0 lbs.

MANTRA PRO

Mountain Bike

Group	Shimano XTR	Shimano Deore XT	Shimano Deore XT Tune
Frame sizes	SM MD LG 19.0" 20.0" 21.0" 48cm 53cm 55cm	SM MD LG 19.0" 20.0" 21.0" 48cm 53cm 55cm	SM MD LG 19.0" 20.0" 21.0" 48cm 53cm 55cm
Color	Race Red	Race Red	Race Red
Fork options	Rock Shox Judy XC, Rock Shox Judy SL, Klein Strata Unicrown	Rock Shox Judy XC, Rock Shox Judy SL, Klein Strata Unicrown	Rock Shox Judy XC, Rock Shox Judy SL, Klein Strata Unicrown
Headset	Klein Airhead	Klein Airhead	Klein Airhead
Handlebar	Klein MC2	Klein MC2	Klein MC2
Stem	Klein MC2	Klein MC2	Klein MC2
Bottom bracket/spindle	Klein Precision	Klein Precision	Tune Titanium Precision
Crankset	Shimano XTR 175	Shimano Deore XT 175	Tune Shimano Deore XT Pattern 175
Chainrings	Shimano XTR 46/36/26	Shimano Deore XT 44/32/22	Shimano Deore XT 44/32/22
Rear derailleur	Shimano XTR	Shimano Deore XT	Shimano XTR with Tune Kit
Front derailleur	Shimano XTR Top Swing	Shimano Deore XT Top Swing	Shimano Deore XT Top Swing with Tune Kit
Shift levers	Shimano XTR RapidFire SL	Shimano Deore LX RapidFire SL	Shimano Deore LX RapidFire SL with Tune Kit
Chain	Shimano IG90	Shimano IG90	Shimano IG90
Rear cluster	Shimano XTR 12-32, 8spd	Shimano Deore XT 11-28, 8spd	Shimano Deore XT 11-28, 8spd
Front brake	Shimano XTR V-Brake	Shimano Deore XT Cantilever	Shimano Deore XT Cantilever with Tune Kit
Rear brake	Shimano XTR V-Brake	Shimano Deore XT V-Brake	Shimano Deore XT V-Brake with Tune Kit
Brake levers	Shimano XTR V-Brake	Shimano Deore LX	Shimano Deore LX with Tune Kit
Front hub	Shimano XTR 32 Hole	Shimano Deore XT 32 Hole	Tune Precision 32 Hole
Rear hub	Shimano XTR 32 Hole	Shimano Deore XT 32 Hole	Tune Precision 32 Hole
Spokes	14/15g double butted stainless; 14g drive side rear	14/15g double butted stainless; 14g drive side rear	14/15g double butted Titanium; 14g drive side rear
Rims	BCX Red and Blue	BCX Red and Blue	BCX Red and Blue
Tires	Klein DeathGrip 26 x 2.35"	Klein DeathGrip 26 x 2.35"	Klein DeathGrip 26 x 2.35"
Rim strips	Cloth	Cloth	Cloth
Tubes	Klein Cloud 9, 100g	Klein Cloud 9, 100g	Klein Cloud 9, 100g
Seatpost	Synchros 7075 31.6 x 350	Synchros 7075 31.6 x 350	Synchros 7075 31.6 x 350
Saddle	Flite with Titanium Rails	Vetta TT-TS with Vanadium Rails	Vetta TT-TS with Vanadium Rails
Pedals	Shimano SPD M747 clipless	Shimano SPD M747 clipless	Shimano SPD M747 clipless
Grips/tape	Klein Instinct	Klein Instinct	Klein Instinct
Frame weight	4.4 lbs.	4.4 lbs.	4.4 lbs.

PULSE COMP

XT/LX



PULSE II



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PULSE COMP

LX/STX-RC



PULSE COMP

LX/STX-RC
Rock Shox



KLEIN Nothing Else Even Comes Close.

PULSE II

Mountain Bike

Group	Shimano Deore XT	Shimano Deore XT/LX
Frame sizes	XS 18.0" 46cm SM 19.0" 48cm MD 20.0" 53cm LG 21.0" 55cm XL 22.0" 57cm	XS 18.0" 46cm SM 19.0" 48cm MD 20.0" 53cm LG 21.0" 55cm XL 22.0" 57cm
Color	Ebony Black	Ebony Black
Fork options	Spartan, Rock Shox Judy XC	Spartan, Rock Shox Judy XC
Headset	Dia-Compe SA-2 1 1/8" A-Headset with Frame	Dia-Compe SA-2 1 1/8" A-Headset with Frame
Handlebar	Bontrager Race, 145g	Bontrager Race, 145g
Stem	Bontrager Race A-Head Alloy with Frame	Bontrager Race A-Head Alloy with Frame
Bottom bracket/spindle	Klein Precision	Klein Precision
Crankset	Shimano Deore XT 175	Shimano Deore LX 175
Chainrings	Shimano Deore XT 44/32/22	Shimano Deore LX 42/32/22
Rear derailleur	Shimano Deore XT	Shimano Deore XT
Front derailleur	Shimano Deore XT Top Swing	Shimano Deore LX Top Swing
Shift levers	Shimano Deore LX RapidFire SL	Shimano Deore LX RapidFire SL
Chain	Shimano IG90	Shimano IG70
Rear cluster	Shimano Deore XT 11-28, 8spd	Shimano Deore LX 11-28, 8spd
Front brake	Shimano Deore XT Cantilever	Shimano Deore LX M-System
Rear brake	Shimano Deore XT Cantilever	Shimano Deore LX M-System
Brake levers	Shimano Deore LX	Shimano Deore LX
Front hub	Shimano Deore XT 32 Hole	System 3 32 Hole
Rear hub	Shimano Deore XT 32 Hole	Shimano Deore XT 32 Hole
Spokes	14/15g double butted stainless; 14g drive side rear	14/15g double butted stainless; 14g drive side rear
Rims	BCX Red and Blue	Matrix Swami SLV Anodized
Tires	Klein DeathGrip 26 x 2.35"	Klein DeathGrip 26 x 2.35"
Rim strips	Cloth	Cloth
Tubes	Klein Cloud 9, 100g	Klein Cloud 9, 100g
Seatpost	System 2 31.6 x 350	System 2 31.6 x 350
Saddle	Vetta TT-TS with Vanadium Rails	Vetta TT-TS with Manganese Rails
Pedals	Shimano SPD M747 clipless	Shimano SPD M535 clipless
Grips/tape	Klein Instinct	Klein Instinct
Frame weight	2.9 lbs.	2.9 lbs.

PULSE COMP

Mountain Bike

Group	Shimano Deore XT/LX	Shimano Deore LX/STX-RC	Shimano Deore LX/STX-RC
Frame sizes	XS 18.0" 46cm SM 19.0" 48cm MD 20.0" 53cm LG 21.0" 55cm XL 22.0" 57cm	XS 18.0" 46cm SM 19.0" 48cm MD 20.0" 53cm LG 21.0" 55cm XL 22.0" 57cm	XS 18.0" 46cm SM 19.0" 48cm MD 20.0" 53cm LG 21.0" 55cm XL 22.0" 57cm
Color	Race Red	Midnight Blue	Emerald
Fork	Rock Shox Judy XC	Rock Shox Quadra 21R	Spinner Unicrown
Headset	Dia-Compe 1 1/8" A-Headset	Dia-Compe 1 1/8" A-Headset	Dia-Compe 1 1/8" A-Headset
Handlebar	Bontrager Race, 145g	System 2, 170g	System 2, 170g
Stem	System 2 Alloy A-Head	System 2 Alloy A-Head	System 2 Alloy A-Head
Bottom bracket/spindle	Shimano BB-UN72	Shimano BB-UN52	Shimano BB-UN52
Crankset	Shimano Deore LX 170/175	Shimano STX-RC 170/175	Shimano STX-RC 170/175
Chainrings	Shimano Deore LX 42/32/22	Shimano STX-RC 42/32/22	Shimano STX-RC 42/32/22
Rear derailleur	Shimano Deore XT SGS	Shimano Deore LX	Shimano Deore LX
Front derailleur	Shimano Deore LX Top Swing	Shimano STX-RC Top Swing	Shimano STX-RC Top Swing
Shift levers	Shimano Deore LX RapidFire SL	SRT-800 GripShift X-Ray	SRT-800 GripShift X-Ray
Chain	Shimano IG70	Shimano IG70	Shimano IG70
Rear cluster	Shimano Deore LX 11-28, 8spd	Shimano Deore LX 11-28, 8spd	Shimano Deore LX 11-28, 8spd
Front brake	Shimano Deore LX	Shimano STX	Shimano STX
Rear brake	Shimano Deore LX	Shimano STX	Shimano STX
Brake levers	Shimano Deore LX	Dia-Compe PC-7N	Dia-Compe PC-7N
Front hub	System 3 32 Hole	System 2 32 Hole	System 2 32 Hole
Rear hub	Shimano Deore XT	Shimano Deore LX	Shimano Deore LX
Spokes	14/15g double butted stainless; 14g drive side rear	14/15g double butted stainless; 14g drive side rear	14/15g double butted stainless; 14g drive side rear
Rims	Matrix Swami SLV Anodized	Matrix Lobo SLV	Matrix Lobo SLV
Tires	Panaracer Smoke/Dart2 Comp	Panaracer Smoke/Dart2	Panaracer Smoke/Dart2
Rim strips	Cloth	Cloth	Cloth
Tubes	Klein Cloud 9, 100g	26 x 1.5" Presta	26 x 1.5" Presta
Seatpost	System 2 31.6 x 350	System 2 31.6 x 350	System 2 31.6 x 350
Saddle	Vetta TT-TS with Manganese Rails	Vetta TT-TS with Manganese Rails	Vetta TT-TS with Manganese Rails
Pedals	System 2 with clips and straps	System 2 with clips and straps	System 2 with clips and straps
Grips/tape	Klein Instinct	Klein Instinct	Klein Instinct
Frame weight	N/A	N/A	N/A