

1997 Table of Contents

Joshuas

General Info	2
Specs	3-7

Aluminum Mountain

General Info	9
Specs	10-14

Steel Mountain

General Info	16
Specs	17-24

SUBs

General Info	26
Specs	27-30

Kids and BMX

General Info	32
Kids Specs	32-38
BMX Specs	39-47

LeMond

General Info	49
Specs	50-56

A Note About the Specs...

At the time of printing, these specs were as accurate as possible. But like it says in the catalog:

"Gary Fisher and LeMond bicycles are equipped with components from sources worldwide. Specifications are subject to change without notice."

So if we changed a bike's headset for some reason, the steerer length listed may be incorrect. The information in these pages is not intended to replace good mechanical skills and practices, just to help good mechanics do their job.

A Note About the Format...

Prior to each section of bicycles, we've listed some of the important things to remember in assembly and maintenance of these bikes. We've also tried to list some of the small parts not listed in the bicycle specifications pages.

Along with these specs and the bicycle pages, we've listed many Fisher part numbers shown in smaller italic print. These refer to an equivalent replacement part which may or may not be identical to original spec. If you want to make sure you're getting identical parts, either refer to your TCG catalog or ask your Fisher Inside Rep.

Any part number listed here with a slash '/' means that we're really showing you two part numbers. If 2 digits follow the slash, change the last 2 digits of the part number for the second part. For example, a pair of XTR shift/brake levers is listed as 61927/8, referring to both the left and right levers, having part numbers 61927 and 61928. If you only need one of these, identify the correct side before ordering. Part numbers with a dash '-' refer to a range of parts.

Items which do not have a part number listed were not carried by TCG at the time of printing. However, parts may be added to TCG stock at a later date. Always check with Customer Service regarding the status of parts you need.

Joshua Info

Assembly Details

Seatposts

Joshuas require greasing of the seatposts. Joshuas are designed to accept 27.2 mm seat posts with a tolerance of 27.10 to 27.20 mm outer diameter. Measure the seatpost for conformity to this tolerance prior to installation.

A minimum length of seatpost must be inserted in the frame. The seatpost may be raised to this point without damaging the frame. For seat post binder bolts, tighten to 85-125 lb•in (9.6-14.1 NM).

Special Torque Specs

Shock mounting bolts	LokTite 242	160-190 lb•in	18.1-21.5 NM
Pivot bolt (fixed side)	LokTite 290	95-115 lb•in	10.7-13.0 NM
Pivot bolt (removable side)	LokTite 242	95-115 lb•in	10.7-13.0 NM
Damping adjuster cable stop screw	LokTite 242	6 lb•in	1 NM
Derailleur hanger screws	LokTite 242	20-30 lb•in	2.3-3.4 NM

Special Parts

		TCG Part #
Pivot axle assembly	Pivot axle, 2 bolts, 2 washers	64304
Pivot bearing set	Main cylinder bearing, 2 swingarm tophats	64305
Shock mount bolt set	Front bolt, rear bolt, 2 nuts, 2 washers, 2 star washers	64303
Rear shock mount cable guide		T950135
Remote damping adjuster, Suntour XC		T972926
Damping adjuster cable stop		T960187
Damping adj. stop screw		T960173
Seatpost bottle mount	2 clamps, 2 clamp bolts, 2 cage attachment screws	T950283
Derailleur hanger kit	Derailleur hanger, 2 screws	T960156

Top Swing Front Derailleurs

When Shimano instituted the Top Swing front derailleur with its lowered band clamp, we had to redesign our Joshua bike rear triangle to accommodate it. Due to space constraints, the redesigned rear triangle will not work with older, high band clamp front derailleurs.

Bottom Bracket

Be sure bottom bracket threads are clean and well greased before insertion. Failure to do so may cause galling of the threads, especially when inserting into an aluminum bottom bracket shell.

Replacing Pivot Bearings

Pivot bearings are held in place by the pivot assembly, but also with LokTite 290. To remove the bearings, after removing the axle drive them out with an appropriate punch (the right sized socket works great). Clean and prep the surfaces of the frame and new bearings with LokTite primer, being careful not to expose the bearing material or painted surfaces to the primer. LokTite Primer will damage the paint or remove lubrication in the bearing. Apply the LokTite, wipe off any excess after installing the bearings, and assemble the pivot. Allow to cure for 24 hours before riding.

Our Price: \$

JOSHUA ZØ

Main tubes		Side butted aluminum	24 34 46
Stays		6061 T6 aluminum, TIG welded URT	11 57 81 110
Fork		Rock Shox Judy SL 80mm travel	13 48 69 93
Rear shock		Rock Shox Super Deluxe, 6.75 eye to eye, 1.5 travel, 5/8"F-7/8"R ends	15 42 59 80
Headset		Chris King NoThreadSet Aheadset, 25.4/34.0/30.0, 31.5 mm stack	17 37 52 71
Handlebars		Bontrager butted Ti, 125gm 25.4mm clamp diameter	20 31 45 60
Stem		Ti Ahead 40.0 mm steerer clamp ht	23 27 39 52
Bar ends	57786	Bontrager Race Lite, magnesium	26 24 34 46
Grips	62533	Fisher high density foam	30 21 30 40
Shifters	6192718	Shimano XTR RapidFire SL	
Front derailleur	61461	Shimano XTR Top Swing Top pull, 34.9 mm/ 1 3/8"	
Rear derailleur	61506	Shimano XTR SGS	
Brakes	6110415	Shimano XTR V brakes	
Brake levers		combination shift/brake	
Crankset		Shimano XTR 46/34/24 Splined/112/64 mm bolt hole circle	
Bottom bracket	61049	Shimano BB-M950 73 x 116	
Pedals		Time Atac, clipless 9/16" axle	
Cassette	61225	Shimano XTR 11-30 8spd	
Chain	61254	Shimano IG90 106L length	
Front wheel			
Front hub	T972634	White Industries Tracker, 6mm skewer	
Front tire	T970860	WTB Velociraptor Lazer, 120 tpi, Kevlar bead, 44/50	
Rear wheel			
Rear hub	T972635	White Industries Speed Racer Ti, HyperGlide Compact cassette, 8spd, 135 mm O.L.D.	
Rear tire	T970861	WTB Velociraptor Lazer, 120 tpi, Kevlar bead, 44/50	
Tubes		Ultra light Presta valve	
Rims	T960394	Mavic 217 SUP Velox, 22mm rim strip	
Spokes		DT 15/16G butted stainless, alloy nipples, 32 spokes/263 front/259/261 rear(D/ND)/3x	
Saddle	58211	WTB SSTX, Ti rails, perforated leather cover	
Seatpost		Synchros Ti 27.2 mm diameter	
Seat binder	F960761	Alloy w/bolt 35.5 (painted) clamp diameter	
Additional		2 water bottle mounts, handlebar mounted remote damping adjuster	
Colors		Yellow and Red/ Yellow and Black fork • Yellow decals	
Frame sizes		S M L	
Handlebar width		580 580 580	
Stem length		T942076 T942076 T942076	
		90 135 150	
Crank length		T973648 T973649 T973650	
		172.5 175 180	
Seatpost length		61314 61315 61317	
		330 330 330	
Steerer, mm		T962509 T962509 T962509	
Head angle		203 203 223	
Seat angle		70.7 71.2 71.2	
		74.6 73.8 73.7	
MM			
Standover		670 670 670	
Seat tube		419 470 533	
Head tube		125 125 145	
Eff top tube		557 593 617	
Reach		639 717 754	
Chainstays		430 430 430	
BB height		310 315 315	
Offset		42 42 42	
Trail		72 69 69	
Wheelbase		1054 1079 1105	
IN			
Standover		26.4 26.4 26.4	
Seat tube		16.5 18.5 21.0	
Head tube		4.9 4.9 5.7	
Eff top tube		21.9 23.3 24.3	
Reach		25.2 28.2 29.7	
Chainstays		16.9 16.9 16.9	
BB height		12.2 12.4 12.4	
Offset		1.7 1.7 1.7	
Trail		2.8 2.7 2.7	
Wheelbase		41.5 42.5 43.5	

Main tubes		Side butted aluminum	22	32	42
Stays		6061 T6 aluminum, TIG welded URT	11	52	76 100
Fork		Rock Shox Judy SL 80mm travel	13	44	65 85
Rear shock		Rock Shox Super Deluxe, 6.75 eye to eye, 1.5 travel, 5/8" T-7/8" R ends	15	38	56 73
Headset	T970282	WTB GreaseGuard 25.4/34.0/30.0, 27.0 mm stack	17	34	49 65
Handlebars		Bontrager Titanium 25.4mm clamp diameter	20	29	42 55
Stem		Bontrager Race Ahead Stem Quick Change, 44.5 mm steerer clamp ht	23	25	36 48
Bar ends	57016	Fisher FishFins	26	22	32 42
Grips	62534	GripShift ESP 900	30	19	28 37
Shifters	63019/28	GripShift ESP 900			
Front derailleur	61447	Shimano Deore XT Top Swing, Top pull, 34.9 mm/ 1 3/8"			
Rear derailleur	63002	GripShift ESP 9.0			
Brakes	61102/096	Shimano Deore XT V brakes			
Brake levers	61098	Shimano Deore XT V brake			
Crankset		Shimano Deore XT 4 arm 42/32/22, Splined/104/64 mm bolt hole circle			
Bottom bracket	61038	Shimano BB-UN72 73 x 113			
Pedals	60216	Shimano SPD M535, clipless 9/16" axle			
Cassette	61222	Shimano XT 11-30 8 spd			
Chain	61254	Shimano IG90 106L length			
Front wheel	973476				
Front hub	T972773	Fisher Ginzu Pro suspension, 25.4mm ends, 6mm skewer			
Front tire	T970852	WTB Velociraptor Lazer, 120 tpi, Kevlar bead, 44/50			
Rear wheel	973475				
Rear hub	61715	Shimano Deore XT HyperGlide Compact cassette, 8spd, 135 mm O.L.D.			
Rear tire	T970853	WTB Velociraptor Lazer, 120 tpi, Kevlar bead, 44/50			
Tubes		Ultra light Presta valve			
Rims	T962510	Mavic 221 UB Velox, 22mm rim strip			
Spokes		DT 15/16G butted stainless, alloy nipples, 32 spokes/265 front/263/265 rear(D/ND)/3x			
Saddle	58211	WTB SSTX, Ti rails, perforated leather cover			
Seatpost		PM501 alloy micro-adjust 27.2 mm diameter			
Seat binder	F960761	Alloy w/bolt 35.5 (painted) clamp diameter			
Additional		2 water bottle mounts, handlebar mounted remote damping adjuster			
Colors		Polished/ Yellow and Black fork • Yellow decals			
Frame sizes		S M L			
Handlebar width		560 560 560			
Stem length		57761 57761 57761			
		90 135 150			
Crank length		57710 57713 57714			
		172.5 175 180			
Seatpost length		61301 61301 61301			
		300 350 350			
Steerer, mm		57801 57802 57802			
Head angle		203 203 223			
Seat angle		70.7 71.2 71.2			
		74.6 73.8 73.7			
MM					
Standover		670 670 670			
Seat tube		419 470 533			
Head tube		125 125 145			
Eff top tube		557 593 617			
Reach		638 715 752			
Chainstays		430 430 430			
BB height		310 315 315			
Offset		42 42 42			
Trail		72 69 69			
Wheelbase		1054 1079 1105			
IN					
Standover		26.4 26.4 26.4			
Seat tube		16.5 18.5 21.0			
Head tube		4.9 4.9 5.7			
Eff top tube		21.9 23.3 24.3			
Reach		25.1 28.1 29.6			
Chainstays		16.9 16.9 16.9			
BB height		12.2 12.4 12.4			
Offset		1.7 1.7 1.7			
Trail		2.8 2.7 2.7			
Wheelbase		41.5 42.5 43.5			

Our Price: \$

JOSHUA Z2

Main tubes		Side butted aluminum	20 32 42		
			11	48	76 100
Stays		6061 T6 aluminum, TIG welded URT	13	40	65 85
Fork		Rock Shox Judy XC, alloy steerer, 80mm travel	15	35	56 73
Rear shock		Rock Shox Coupe Deluxe, 6.75 eye to eye, 1.5 travel, 5/8"F-7/8"R ends	17	31	49 65
Headset	63334	Tange Seiki DX-2 Aheadset 25.4/34.0/30.0, 26.9 mm stack	20	26	42 55
Handlebars		Bontrager Race 25.4mm clamp diameter	23	23	36 48
Stem		Bontrager Race AheadStem Quick Change, 44.5 mm steerer clamp ht	26	20	32 42
Bar ends	57016	Fisher FishFins	30	17	28 37
Grips	62533	Fisher logo, Kraton			
Shifters	61892/3	Shimano Deore XT RapidFire SL			
Front derailleur	61431	Shimano Deore LX Top Swing, Top pull, 34.9 mm/ 1 3/8"			
Rear derailleur	61503	Shimano Deore XT SGS			
Brakes	61100/1	Shimano M600 V brakes			
Brake levers	61097	Shimano M600 V brake			
Crankset		Sugino Impel 700 42/32/20 58/94 mm bolt hole circle			
Bottom bracket	61023	Shimano BB-UN51 73 x 113			
Pedals	60216	Shimano SPD M535 clipless 9/16" axle			
Cassette	61205	Shimano HG70I 11-30 8spd			
Chain	61253	Shimano IG70 106L length			
Front wheel	973478				
Front hub	T972774	Fisher Ginzu Pro suspension, 25.4mm ends, 6mm skewer			
Front tire	T970852	WTB Velociraptor. Kevlar beads, 44/50			
Rear wheel	973477				
Rear hub	61702	Shimano Deore LX HyperGlide Compact cassette, 8spd, 135 mm O.L.D.			
Rear tire	T970853	WTB Velociraptor, Kevlar beads, 44/50			
Tubes		Ultra light Presta valve			
Rims	T962510	Mavic 221 Velox, 22mm rim strip			
Spokes		DT 15/16G butted stainless 32 spokes/265 front/263/265 rear(D/ND)/3x			
Saddle	68208	WTB SSTX, CrMo rails, leather cover			
Seatpost		PM501 alloy micro-adjust 27.2 mm diameter			
Seat binder	F973708	Alloy w/bolt 35.5 (painted) clamp diameter			
Additional		2 water bottle mounts, handlebar mounted remote damping adjuster			
Colors		Onyx Black/ Brushed rear/ Cream and Red fork • Red on Cream decals			
Frame sizes		S M L			
Handlebar width		560 560 560			
Stem length		57736 57736 57736			
Crank length		105 135 105			
Seatpost length		57711 57713 57714			
Steerer, mm		170 175 175			
Head angle		T970237 T970238 T970238			
Seat angle		300 350 350			
		57801 57802 57802			
		202 202 222			
		70.7 71.2 71.2			
		74.6 73.8 73.7			
MM	Standover	670 670 670			
	Seat tube	419 470 533			
	Head tube	125 125 145			
	Eff top tube	557 593 617			
	Reach	638 715 712			
	Chainstays	430 430 430			
	BB height	310 315 315			
	Offset	42 42 42			
	Trail	72 69 69			
	Wheelbase	1054 1079 1105			
IN	Standover	26.4 26.4 26.4			
	Seat tube	16.5 18.5 21.0			
	Head tube	4.9 4.9 5.7			
	Eff top tube	21.9 23.3 24.3			
	Reach	25.1 28.1 28.0			
	Chainstays	16.9 16.9 16.9			
	BB height	12.2 12.4 12.4			
	Offset	1.7 1.7 1.7			
	Trail	2.8 2.7 2.7			
	Wheelbase	41.5 42.5 43.5			

Main tubes		Side butted aluminum	20 32 42		
Stays		6061 T6 aluminum, TIG welded URT	11	48	76 100
Fork		Rock Shox Indy SL 75mm travel	13	40	65 85
Rear shock		Rock Shox Deluxe, 6.75 eye to eye, 1.5 travel, 5/8"F-7/8"R ends	15	35	56 73
Headset		Tange Seiki STE Aheadset 25.4/34.0/30.0, 24.5 mm stack	17	31	49 65
Handlebars		System 1 ATB, alloy, 230g 25.4mm clamp diameter	20	26	42 55
Stem		Melt forged alloy Ahead stem, Quick Change, 41.0 mm steerer clamp ht	23	23	36 48
Bar ends		Fisher FishSticks	26	20	32 42
Grips		Foam	30	17	28 37
Shifters		Shimano Deore LX RapidFire SL			
Front derailleur		Shimano STX Top Swing Top pull, 34.9 mm/ 1 3/8"			
Rear derailleur		Shimano Deore LX SGS			
Brakes		Shimano M600 V brakes			
Brake levers		Tektro 375A V brake			
Crankset		Sugino Impel 300 42/32/20 58/94 mm bolt hole circle			
Bottom bracket		Shimano BB-LP26 73 x 113			
Pedals		Shimano SPD M535 clipless 9/16" axle			
Cassette		Shimano HG608I 11-30 8spd			
Chain		IG31 106L length			
Front wheel					
Front hub		Fisher Ginzu Pro suspension, 25.4mm ends, 6mm skewer			
Front tire		WTB Velociraptor. Kevlar beads, 44/50			
Rear wheel					
Rear hub		Shimano STX-RC HyperGlide Compact cassette, 8spd, 135 mm O.L.D.			
Rear tire		WTB Velociraptor, Kevlar beads, 44/50			
Tubes		Ultra light Presta valve			
Rims		Bontrager Maverick 542 E.R.D., Velox, 22mm rim strip			
Spokes		DT 15G stainless 32 spokes/265 front/263/265 rear(D/ND)/3x			
Saddle		Bontrager Plus 10 Racing			
Seatpost		PM-312 alloy micro-adjust 27.2 mm diameter			
Seat binder		Alloy w/bolt 35.5 (painted) clamp diameter			
Additional colors		2 water bottle mounts Yellow/ Red rear/Yellow and Black fork • Black decals			
Frame sizes		S M L			
Handlebar width		560 560 560			
Stem length		57141 57141 57141			
Crank length		105 135 135			
Seatpost length		62118 62120 62120			
Steerer, mm		170 175 175			
Head angle		T970225 T970226 T970226			
Seat angle		300 350 350			
Standover		57121 57121 57121			
Seat tube		196 196 216			
Head tube		70.7 71.2 71.2			
Eff top tube		74.6 73.8 73.7			
Reach					
Chainstays					
BB height					
Offset					
Trail					
Wheelbase					
MM					
Standover		670 670 670			
Seat tube		419 470 533			
Head tube		125 125 145			
Eff top tube		557 593 617			
Reach		631 705 729			
Chainstays		430 430 430			
BB height		310 315 315			
Offset		42 42 42			
Trail		72 69 69			
Wheelbase		1054 1079 1105			
IN					
Standover		26.4 26.4 26.4			
Seat tube		16.5 18.5 21.0			
Head tube		4.9 4.9 5.7			
Eff top tube		21.9 23.3 24.3			
Reach		24.9 27.8 28.7			
Chainstays		16.9 16.9 16.9			
BB height		12.2 12.4 12.4			
Offset		1.7 1.7 1.7			
Trail		2.8 2.7 2.7			
Wheelbase		41.5 42.5 43.5			

Our Price: \$

JOSHUA X1

Main tubes		Side butted aluminum		24 34 42
Stays		CroMoly URT		11 57 81 100
Fork		Manitou Pro	65mm travel	13 48 69 85
Rear shock		Rock Shox Deluxe, 6.75 eye to eye, 1.5 travel, 5/8"F-7/8"R ends		16 39 56 69
Headset	63341	Tange Seiki STE Aheadset	25.4/34.0/30.0, 24.5 mm stack	19 33 47 58
Handlebars		System 1 ATB, alloy, 230g	25.4mm clamp diameter	22 29 41 50
Stem		Melt forged alloy Ahead stem, Quick Change, 41.0 mm steerer clamp ht		26 24 34 42
Bar ends	54238	Fisher FishSticks		30 21 30 37
Grips	62534	GripShift logo		
Shifters	63026/8	GripShift ESP 500		
Front derailleur	61396	Shimano Alivio Top Swing	Top pull, 34.9 mm/ 1 3/8"	
Rear derailleur	63004	GripShift ESP 5.0		
Brakes	61100/1	Shimano M600 V brakes		
Brake levers	62725	Tektro 376A V brake		
Crankset		Sugino Impel 250 42/34/24	Riveted	
Bottom bracket	61003	Shimano BB-LP26	73 x 113	
Pedals	57182	Alloy cage w/clips and straps	9/16" axle	
Cassette	61228	Shimano IG50 11-30	7spd	
Chain	61251	IG31	106L length	
Front wheel	973514			
Front hub	T960103	Fisher Ginzu Team suspension		
Front tire	T970846	WTB Primal Raptor	26 x 2.1"	
Rear wheel	973515			
Rear hub	61659	Shimano Alivio	HyperGlide Compact cassette, 7spd, 135 mm O.L.D.	
Rear tire	T970847	WTB Primal Raptor	47/52	
Tubes		Presta valve		
Rims	970701/6	Bontrager Maverick	542 E.R.D., Velox, 22mm rim strip	
Spokes		DT 15G stainless	32 spokes/265 front/263/265 rear(D/ND)/3x	
Saddle	58201	Bontrager Plus 10 Racing		
Seatpost		PM-312 alloy micro-adjust	27.2 mm diameter	
Seat binder		Alloy w/Fisher Spoon QR	35.5 (painted) clamp diameter	
Additional		2 water bottle mounts		
Colors		Red Earth/ Black Chrome rear/ Black fork • Black Chrome on White decals		
Frame sizes		S	M	L
Handlebar width		560	560	560
Stem length		57141	57141	57141
		105	135	135
Crank length		62118	62119	62119
		170	175	175
Seatpost length		T970223	T970224	T970224
		300	350	350
Steerer, mm		57121	57121	57121
Head angle		196	196	216
Seat angle		70.7	71.2	71.2
		74.6	73.8	73.7
MM				
Standover		670	670	670
Seat tube		419	470	533
Head tube		125	125	145
Eff top tube		557	593	617
Reach		631	705	729
Chainstays		430	430	430
BB height		310	315	315
Offset		42	42	42
Trail		72	69	69
Wheelbase		1054	1079	1105
IN				
Standover		26.4	26.4	26.4
Seat tube		16.5	18.5	21.0
Head tube		4.9	4.9	5.7
Eff top tube		21.9	23.3	24.3
Reach		24.9	27.8	28.7
Chainstays		16.9	16.9	16.9
BB height		12.2	12.4	12.4
Offset		1.7	1.7	1.7
Trail		2.8	2.7	2.7
Wheelbase		41.5	42.5	43.5

Aluminum Mountain Info

Assembly Details

Seatposts

With aluminum mountain bikes lubricate the seatpost before insertion. Apply a thin layer of grease to the section of the seatpost that will be inserted into the frame. Insert the seatpost into the frame, adjust to the proper height, and engage the binder lever or bolt. Never engage the seatpost binder lever with the seatpost out of the frame.

Fisher aluminum mountain bikes are designed to accept 27.2 mm seat posts with a tolerance of 27.10 to 27.20 mm outer diameter. Measure the seatpost for conformity to this tolerance prior to installation.

For seat post binder bolts, tighten to 85-125 lb•in (9.6-14.1 NM).

Special Torque Specs

ACSD mounting bolts	30-40 lb•in	(35-45 NM)
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Special Parts

	TCG Part #
ACSD plate	942718
ACSD mounting bolts	81317

Bottom bracket

Be sure bottom bracket threads are clean and well greased before insertion. Failure to do so may cause galling of the threads, especially when inserting into an aluminum bottom bracket shell.

SUPERCALIBER

Our Price: \$

Main tubes		Easton 6061 T6 double butted aluminum alloy	22	32	42
Stays		6061 T6 aluminum	11	52	76 100
Fork		Manitou SX Ti 70mm travel	13	44	65 85
Headset	T970282	WTB GreaseGuard 25.4/34.0/30.0, 27.0 mm stack	15	38	56 73
Handlebars		Bontrager Titanium 25.4mm clamp diameter	17	34	49 65
Stem		Bontrager Race AheadStem Quick Change, 44.5 mm steerer clamp ht	20	29	42 55
Bar ends	57786	Bontrager Race Lite, magnesium	23	25	36 48
Grips	62533	Fisher high density foam	26	22	32 42
Shifters	61924/5	Shimano Deore XT RapidFire SL	30	19	28 37
Front derailleur	61447	Shimano Deore XT Top Swing, Top pull, 34.9 mm/ 1 3/8"			
Rear derailleur	61503	Shimano Deore XT SGS			
Brakes	61102/096	Shimano Deore XT V brakes			
Brake levers		combination shift/brake			
Crankset		Shimano Deore XT 4 arm 42/32/22, Splined/104/64 mm bolt hole circle			
Bottom bracket	61038	Shimano BB-UN72 73 x 113			
Pedals		Shimano SPD M535 clipless 9/16" axle			
Cassette	61222	Shimano XT 11-30 8 spd			
Chain	61254	Shimano IG90 104L length			
Front wheel	973476				
Front hub	T972773	Fisher Ginzu Pro suspension, 25.4mm ends, 6mm skewer			
Front tire	T970860	WTB Velociraptor Lazer, Kevlar bead, 44/50			
Rear wheel	973475				
Rear hub	61715	Shimano Deore XT HyperGlide Compact cassette, 8spd, 135 mm O.L.D.			
Rear tire	T970861	WTB Velociraptor Lazer, Kevlar bead, 44/50			
Tubes		Ultra light Presta valve			
Rims	T960394	Mavic 217 SUP Velox, 22mm rim strip			
Spokes		DT 15/16G butted stainless, alloy nipples, 32 spokes/264 front/262/263 rear(D/ND)/3x			
Saddle	58211	WTB SSTX, Ti rails, perforated leather cover			
Seatpost		PM501 alloy micro-adjust 27.2 mm diameter			
Seat binder	F973708	Alloy w/bolt 35.0 clamp diameter			
Additional		Rack mounts, 2 water bottle mounts, ACSD			
Colors		Team Fade- Red and Yellow/ Red fork • Black decals			
Frame sizes		S M L XL			
Handlebar width		560 560 560 560			
Stem length		57761 57761 57761 57761			
Crank length		105 120 135 150			
Seatpost length		57711 57712 57713 180			
Steerer, mm		61301 61301 61301 61301			
Head angle		350 350 350 350			
Seat angle		57802 57802 57802 57802			
Standover		167 182 202 222			
Seat tube		70.8 71.3 71.3 71.3			
Head tube		73.8 73.8 73.3 73.3			
Eff top tube		721 759 787 820			
Reach		394 444 483 533			
Chainstays		90 105 125 145			
BB height		553 569 584 597			
Offset		647 677 706 732			
Trail		420 420 420 420			
Wheelbase		291 296 296 296			
Standover		38 38 38 38			
Seat tube		76 73 73 73			
Head tube		1030 1040 1053 1066			
Eff top tube		28.4 29.9 31.0 32.3			
Reach		15.5 17.5 19.0 21.0			
Chainstays		3.5 4.1 4.9 5.7			
BB height		21.8 22.4 23.0 23.5			
Offset		25.5 26.7 27.8 28.8			
Trail		16.5 16.5 16.5 16.5			
Wheelbase		11.5 11.7 11.7 11.7			
Standover		1.5 1.5 1.5 1.5			
Seat tube		3.0 2.9 2.9 2.9			
Head tube		40.6 40.9 41.5 42.0			
Eff top tube					
Reach					
Chainstays					
BB height					
Offset					
Trail					
Wheelbase					

Main tubes		Easton 6061 T6 double butted aluminum alloy	20 32 42
Stays		6061 T6 aluminum	11 48 76 100
Fork		Rock Shox Indy SL 63mm travel	13 40 65 85
Headset	63334	Tange Seiki DX-2 Aheadset 25.4/34.0/30.0, 26.9 mm stack	15 35 56 73
Handlebars		Bontrager Race 25.4mm clamp diameter	17 31 49 65
Stem		Cold forged alloy Ahead, Quick Change, 41.0 mm steerer clamp height	20 26 42 55
Bar ends	57016	Fisher Fishfins	23 23 36 48
Grips	62534	GripShift ESP 900	26 20 32 42
Shifters	63022/8	GripShift ESP 700	30 17 28 37
Front derailleur	61447	Shimano Deore XT Top Swing, Top pull, 34.9 mm/ 1 3/8"	
Rear derailleur	63003	GripShift ESP 7.0	
Brakes	61100/1	Shimano M600 V brakes	
Brake levers		Shimano M600 V brake	
Crankset		Sugino Impel 700 42/32/20 58/94 mm bolt hole circle	
Bottom bracket	61023	Shimano BB-UN51 73 x 113	
Pedals		Shimano SPD M535 clipless 9/16" axle	
Cassette	61205	Shimano HG70I 11-30 8spd	
Chain	61253	Shimano IG70 104L length	
Front wheel	973478		
Front hub	T960106	Fisher Ginzu Pro suspension, 25.4mm ends, 6mm skewer	
Front tire	T970852	WTB Velociraptor, Kevlar bead, 44/50	
Rear wheel	973477		
Rear hub	61702	Shimano Deore LX HyperGlide Compact cassette, 8spd, 135 mm O.L.D.	
Rear tire	T970853	WTB Velociraptor, Kevlar bead, 44/50	
Tubes		Ultra light Presta valve	
Rims	T962510	Mavic 221 Velox, 22mm rim strip	
Spokes		DT 15/16G butted stainless 32 spokes/265 front/263/265 rear(D/ND)/3x	
Saddle	58208	Bontrager, hollow CrMo rails, leather cover	
Seatpost		PM501 alloy micro-adjust 27.2 mm diameter	
Seat binder	F960760	Alloy w/bolt 35.0 clamp diameter	
Additional Colors		Rack mounts, 2 water bottle mounts, ACSD	
		Onyx Black/ Yellow and Black fork • Black on Yellow decals	
Frame sizes		S M L XL	
Handlebar width		560 560 560 560	
		57736 57736 57736 57736	
Stem length		105 120 135 150	
		57083 57084 57085 57085	
Crank length		170 175 175 175	
		T970237 T970238 T970238 T970238	
Seatpost length		350 350 350 350	
		57802 57802 57802 57802	
Steerer, mm		163 178 198 218	
Head angle		70.8 71.3 71.3 71.3	
Seat angle		73.8 73.8 73.3 73.3	
MM	Standover	721 759 787 820	
	Seat tube	394 444 483 533	
	Head tube	90 105 125 145	
	Eff top tube	553 569 584 597	
	Reach	647 677 706 732	
	Chainstays	420 420 420 420	
	BB height	291 296 296 296	
	Offset	38 38 38 38	
	Trail	76 73 73 73	
	Wheelbase	1030 1040 1053 1066	
IN	Standover	28.4 29.9 31.0 32.3	
	Seat tube	15.5 17.5 19.0 21.0	
	Head tube	3.5 4.1 4.9 5.7	
	Eff top tube	21.8 22.4 23.0 23.5	
	Reach	25.5 26.7 27.8 28.8	
	Chainstays	16.5 16.5 16.5 16.5	
	BB height	11.5 11.7 11.7 11.7	
	Offset	1.5 1.5 1.5 1.5	
	Trail	3.0 2.9 2.9 2.9	
	Wheelbase	40.6 40.9 41.5 42.0	

Main tubes		6061 T6 aluminum alloy			20 32 42
Stays		6061 T6 aluminum			11 48 76 100
Fork		Manitou Pro 65mm travel			13 40 65 85
Headset	63334	Tange Seiki DX-2 Aheadset 25.4/34.0/30.0, 26.9 mm stack			15 35 56 73
Handlebars		System 2 ATB, butted alloy, 170g, 25.4mm clamp diameter			17 31 49 65
Stem		Cold forged alloy Ahead, Quick Change, 41.0 mm steerer clamp ht			20 26 42 55
Bar ends	54238	Fisher Fishsticks			23 23 36 48
Grips	62533	Foam			26 20 32 42
Shifters	61915/885	Shimano STX-RC RapidFire SL			30 17 28 37
Front derailleur	61447	Shimano Deore XT Top Swing, Top pull, 34.9 mm/ 1 3/8"			
Rear derailleur	61503	Shimano Deore XT SGS			
Brakes	61100/1	Shimano M600 V brakes			
Brake levers	62724	Tektro 375A V brake			
Crankset		Sugino Impel 500 42/32/20 58/94 mm bolt hole circle			
Bottom bracket	61023	Shimano BB-UN51 73 x 113			
Pedals	60216	Shimano SPD M535 clipless 9/16" axle			
Cassette	61205	Shimano HG608I 11-30 8spd			
Chain	61252	Shimano IG31 104L length			
Front wheel	973514				
Front hub	T960103	Fisher Ginzu Team suspension			
Front tire	T970846	WTB Primal Raptor 26 x 2.1"			
Rear wheel	973511				
Rear hub	61702	Shimano Deore LX HyperGlide Compact cassette, 8spd, 135 mm O.L.D.			
Rear tire	T970847	WTB Primal Raptor 47/52			
Tubes		Presta valve			
Rims	970701/6	Bontrager Maverick 542 E.R.D., Velox, 22mm rim strip			
Spokes		DT 15G stainless 32 spokes/265 front/263/265 rear(D/ND)/3x			
Saddle	68207	Bontrager Plus 10 Racing			
Seatpost		PM-312 alloy micro-adjust 27.2 mm diameter			
Seat binder	F960693	Alloy w/Fisher Spoon QR 35.5 (painted) clamp diameter			
Additional		Rack mounts, 2 water bottle mounts, ACSD			
Colors		Bead Blast Silver/ Black fork • Purple decals			
Frame sizes		S M L XL			
Handlebar width		560 560 560 560			
Stem length		57141 57141 57141 57141			
Crank length		105 120 135 135			
Seatpost length		57083 57084 57085 57085			
Steerer, mm		170 175 175 175			
Head angle		T970237 T970238 T970238 T970238			
Seat angle		350 350 350 350			
Standover		57121 57121 57121 57121			
Seat tube		164 179 199 219			
Head tube		70.8 71.3 71.3 71.3			
Eff top tube		73.8 73.8 73.3 73.3			
Reach					
Chainstays					
BB height					
Offset					
Trail					
Wheelbase					
MM					
Standover		721 759 787 820			
Seat tube		394 444 483 533			
Head tube		90 105 125 145			
Eff top tube		553 569 584 597			
Reach		645 674 702 715			
Chainstays		420 420 420 420			
BB height		291 296 296 296			
Offset		38 38 38 38			
Trail		76 73 73 73			
Wheelbase		1030 1040 1053 1066			
IN					
Standover		28.4 29.9 31.0 32.3			
Seat tube		15.5 17.5 19.0 21.0			
Head tube		3.5 4.1 4.9 5.7			
Eff top tube		21.8 22.4 23.0 23.5			
Reach		25.4 26.5 27.7 28.2			
Chainstays		16.5 16.5 16.5 16.5			
BB height		11.5 11.7 11.7 11.7			
Offset		1.5 1.5 1.5 1.5			
Trail		3.0 2.9 2.9 2.9			
Wheelbase		40.6 40.9 41.5 42.0			

Main tubes		6061 T6 aluminum		24 34 42	
Stays		6061 T6 aluminum		11 57 81 100	
Fork		Rock Shox Quadra 5	48mm travel	13 48 69 85	
Headset	63341	Tange Seiki STE Aheadset	25.4/34.0/30.0, 24.5 mm stack	16 39 56 69	
Handlebars		System 1 ATB, alloy, 230g	25.4mm clamp diameter	19 33 47 58	
Stem		Melt forged alloy Ahead stem, Quick Change, 41.0 mm steerer clamp ht		22 29 41 50	
Bar ends		-		26 24 34 42	
Grips	62534	GripShift logo		30 21 30 37	
Shifters	63036/8	GripShift SRT-400			
Front derailleur	61396	Shimano Alivio	Top pull, 34.9 mm/ 1 3/8"		
Rear derailleur	61497	Shimano Alivio			
Brakes	61087/8	Shimano Alivio			
Brake levers	61080	Chang Star 274A			
Crankset		Sugino Impel 250 42/34/24	Riveted		
Bottom bracket	61003	Shimano BB-LP26	73 x 113		
Pedals		Steel cage w/clips and straps	9/16" axle		
Cassette	61228	Shimano IG50 11-30	7spd		
Chain	61251	IG31	104L length		
Front wheel	973514				
Front hub	T960101	System 1			
Front tire	T970846	WTB Primal Raptor	26 x 2.1"		
Rear wheel	973515				
Rear hub	61659	Shimano Alivio	HyperGlide Compact cassette, 7spd, 135 mm O.L.D.		
Rear tire	T970847	WTB Primal Raptor	47/52		
Tubes		Presta valve			
Rims	970701/6	Bontrager Maverick	542 E.R.D., Velox, 22mm rim strip		
Spokes		DT 15G stainless	32 spokes/265 front/263/265 rear(D/ND)/3x		
Saddle	58201	Fisher SuperSoft Foam			
Seatpost		PM-312 alloy micro-adjust	27.2 mm diameter		
Seat binder	F973556	Alloy w/Fisher Spoon QR	35.5 clamp diameter		
Additional		Rack mounts, 2 water bottle mounts, ACSD			
Colors		Matte Fren Green/ Black fork • Black on White decals			
Frame sizes		S	M	L	XL
Handlebar width		560	560	560	560
Stem length		57141	57141	57141	57141
Crank length		105	120	135	135
Seatpost length		62118	62119	62120	62120
Steerer, mm		170	175	175	175
Head angle		T970223	T970224	T970224	T970224
Seat angle		350	350	350	350
Standover		57121	57121	57121	57121
Seat tube		161	176	196	216
Head tube		71.0	71.5	71.5	71.5
Eff top tube		74.0	74.0	73.5	73.5
Reach		721	759	787	820
Chainstays		394	444	483	533
BB height		90	105	125	145
Offset		553	569	584	597
Trail		640	674	703	716
Wheelbase		420	420	420	420
Standover		290	295	295	295
Seat tube		38	38	38	38
Head tube		74	71	71	71
Eff top tube		1030	1040	1053	1066
Reach		28.4	29.9	31.0	32.3
Chainstays		15.5	17.5	19.0	21.0
BB height		3.5	4.1	4.9	5.7
Offset		21.8	22.4	23.0	23.5
Trail		25.2	26.6	27.7	28.2
Wheelbase		16.5	16.5	16.5	16.5
Standover		11.4	11.6	11.6	11.6
Seat tube		1.5	1.5	1.5	1.5
Head tube		2.9	2.8	2.8	2.8
Eff top tube		40.6	40.9	41.5	42.0
Reach					
Chainstays					
BB height					
Offset					
Trail					
Wheelbase					

Our Price: \$

BIG SUR

Main tubes	6061 T6 aluminum	20	32	42
Stays	6061 T6 aluminum	11	48	76 100
Fork	Rock Shox Indy C 63mm travel	13	40	65 85
Headset	63341 Tange Seiki STE Aheadset 25.4/34.0/30.0, 24.5 mm stack	15	35	56 73
Handlebars	System 1 ATB, alloy, 230g 25.4mm clamp diameter	17	31	49 65
Stem	Melt forged alloy Ahead stem, Quick Change, 41.0 mm steerer clamp ht	20	26	42 55
Bar ends	54238 Fisher Fishsticks	23	23	36 48
Grips	62534 GripShift logo	26	20	32 42
Shifters	63032/8 GripShift SRT-400 8 speed	30	17	28 37
Front derailleur	61409 Shimano STX Top Swing Top pull, 34.9 mm/ 1 3/8"			
Rear derailleur	61500 Shimano STX SGS			
Brakes	61100/1 Shimano M600 V brakes			
Brake levers	62725 Tektro 376A V brake			
Crankset	Sugino Impel 350 42/32/20 58/94 mm bolt hole circle			
Bottom bracket	61006 Shimano BB-LP26 73 x 113			
Pedals	Alloy cage w/clips and straps 9/16" axle			
Cassette	61205 Shimano HG608I 11-30 8spd			
Chain	61251 IG31 104L length			
Front wheel	973154 Fisher Ginzu Team suspension			
Front hub	T960103 WTB Primal Raptor 26 x 2.1"			
Front tire	T970272			
Rear wheel	973153 Shimano STX-RC HyperGlide Compact cassette, 8spd, 135 mm O.L.D.			
Rear hub	61684 WTB Primal Raptor 47/52			
Rear tire	T970273			
Tubes	Presta valve			
Rims	970701/6 Bontrager Maverick 542 E.R.D., Velox, 22mm rim strip			
Spokes	DT 15G stainless 32 spokes/265 front/263/265 rear(D/ND)/3x			
Saddle	58201 Bontrager Plus 10 Racing			
Seatpost	PM-312 alloy micro-adjust 27.2 mm diameter			
Seat binder	F960693 Alloy w/Fisher Spoon QR 35.5 clamp diameter			
Additional	Rack mounts, 2 water bottle mounts, ACSD			
Colors	Matte Black/ Cream and Black fork • White decals			
Frame sizes	S M L XL			
Handlebar width	560 560 560 560			
Stem length	57141 57141 57141 57141			
Crank length	105 120 135 135			
Seatpost length	62118 62119 62100 62100			
Steerer, mm	170 175 175 175			
Head angle	T970229 T970230 T970230 T970230			
Seat angle	350 350 350 350			
MM	57121 57121 57121 57121			
Standover	161 176 196 216			
Seat tube	71.0 71.5 71.5 71.5			
Head tube	74.0 74.0 73.5 73.5			
Eff top tube	721 759 787 820			
Reach	394 444 483 533			
Chainstays	90 105 125 145			
BB height	553 569 584 597			
Offset	640 669 697 710			
Trail	420 420 420 420			
Wheelbase	290 295 295 295			
IN	38 38 38 38			
Standover	74 71 71 71			
Seat tube	1030 1040 1053 1066			
Head tube	28.4 29.9 31.0 32.3			
Eff top tube	15.5 17.5 19.0 21.0			
Reach	3.5 4.1 4.9 5.7			
Chainstays	21.8 22.4 23.0 23.5			
BB height	25.2 26.3 27.4 27.9			
Offset	16.5 16.5 16.5 16.5			
Trail	11.4 11.6 11.6 11.6			
Wheelbase	1.5 1.5 1.5 1.5			
	2.9 2.8 2.8 2.8			
	40.6 40.9 41.5 42.0			

Steel Mountain

Assembly Details

Seatposts

Lubricate the seatpost before insertion. Apply a thin layer of grease to the section of the seatpost that will be inserted into the frame. Insert the seatpost into the frame, adjust to the proper height, and engage the binder lever or bolt. Never engage the seatpost binder lever with the seatpost out of the frame.

Fisher steel mountain bikes are designed to accept 27.2 mm seatposts with a tolerance of 27.10 to 27.20 mm outer diameter (or in the case of Mamba and others using a 26.6 mm post; 26.6 mm +0/-0.1mm). Measure aftermarket seatposts for conformity to this tolerance prior to installation.

For seat post binder bolts, tighten to 85-125 lb•in (9.6-14.1 NM).

Special Torque Specs

ACSD mounting bolts	30-40 lb•in	(35-45 NM)
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Special Parts

ACSD plate	TCG Part #
ACSD mounting bolts	
BAU (Brake Actuator Unit)	T950695
Women's BAU	T940358

Bottom bracket

Be sure bottom bracket threads are clean and well greased before insertion. Failure to do so may cause galling of the threads.

Our Price: \$

XCALIBER

Main tubes		Reynolds 853 double butted steel alloy				20	32	42
Stays		Cro-Moly				11	48	76 100
Fork		Rock Shox Judy XC 63mm travel				13	40	65 85
Headset	63334	Tange Seiki DX-2 Aheadset 25.4/34.0/30.0, 26.9 mm stack				15	35	56 73
Handlebars		Bontrager Race 25.4mm clamp diameter				17	31	49 65
Stem		Bontrager Race AheadStem Quick Change, 44.5 mm steerer clamp ht				20	26	42 55
Bar ends	57016	Fisher FishFins				23	23	36 48
Grips	62534	GripShift logo				26	20	32 42
Shifters	63009/29	GripShift SRT-800 X-Ray				30	17	28 37
Front derailleur	61430	Shimano Deore LX Top Swing, Top pull, 31.8 mm/ 1 1/4"						
Rear derailleur	61503	Shimano Deore XT SGS						
Brakes	61100/1	Shimano M600 V brakes						
Brake levers		Shimano M600 V brake						
Crankset		Sugino Impel 700 42/32/20 58/94 mm bolt hole circle						
Bottom bracket	61023	Shimano BB-UN51 73 x 113						
Pedals		Shimano SPD M535 clipless 9/16" axle						
Cassette	61205	Shimano HG70I 11-30 8spd						
Chain	61253	Shimano IG70 104L length						
Front wheel	973478							
Front hub	T60106	Fisher Ginzu Pro suspension						
Front tire	T960852	WTB Velociraptor, Kevlar beads, 44/50						
Rear wheel	973447							
Rear hub	61702	Shimano Deore LX HyperGlide Compact cassette, 8spd, 135 mm O.L.D.						
Rear tire	T960853	WTB Velociraptor, Kevlar beads, 44/50						
Tubes		Ultra light Presta valve						
Rims	T962510	Mavic 221 Velox, 22mm rim strip						
Spokes		DT 15/16G butted stainless 32 spokes/265 front/263/265 rear(D/ND)/3x						
Saddle	58208	Bontrager, CrMo rails, leather cover						
Seatpost		PM501 alloy micro-adjust 27.2 mm diameter						
Seat binder	T961814	Alloy w/bolt 35.5 (painted) clamp diameter						
Additional		2 bottle mounts, Anti Chain Suck Device						
Colors		Cream/ Cream and Black fork • Black on Red decals						
Frame sizes		XS S M L XL						
Handlebar width		560 560 560 560 560						
		57736 57736 57736 57736 57736						
Stem length		90 105 120 135 150						
		57710 57711 57712 57713 57714						
Crank length		170 170 175 175 175						
		T970237 T970237 T970238 T970238 T970238						
Seatpost length		350 350 350 350 350						
		57802 57802 57802 57802 57802						
Steerer, mm		162 162 182 202 222						
Head angle		70.3 70.8 71.3 71.3 71.3						
Seat angle		73.8 73.8 73.8 73.3 73.3						
MM	Standover	689 745 771 795 824						
	Seat tube	330 441 470 501 539						
	Head tube	85 85 105 125 145						
	Eff top tube	537 554 568 583 597						
	Reach	617 648 676 705 732						
	Chainstays	420 420 420 420 420						
	BB height	289 294 296 296 296						
	Offset	38 38 38 38 38						
	Trail	79 76 73 73 73						
	Wheelbase	1014 1027 1039 1050 1065						
IN	Standover	27.1 29.3 30.4 31.3 32.4						
	Seat tube	13.0 17.4 18.5 19.7 21.2						
	Head tube	3.3 3.3 4.1 4.9 5.7						
	Eff top tube	21.1 21.8 22.4 23.0 23.5						
	Reach	24.3 25.5 26.6 27.7 28.8						
	Chainstays	16.5 16.5 16.5 16.5 16.5						
	BB height	11.4 11.6 11.7 11.7 11.7						
	Offset	1.5 1.5 1.5 1.5 1.5						
	Trail	3.1 3.0 2.9 2.9 2.9						
	Wheelbase	39.9 40.4 40.9 41.3 41.9						

Main tubes		True Temper double butted Cro-Moly				20 32 42
Stays		Cro-Moly				11 48 76 100
Fork		Rock Shox Indy XC	63mm travel			13 40 65 85
Headset	63341	Tange Seiki STE Aheadset	25.4/34.0/30.0, 24.5 mm stack			15 35 56 73
Handlebars		System 1 ATB, alloy, 230g	25.4mm clamp diameter			17 31 49 65
Stem		Melt forged alloy Ahead stem, Quick Change, 41.0 mm steerer clamp ht				20 26 42 55
Bar ends	54238	Fisher Fishsticks				23 23 36 48
Grips	62534	GripShift logo				26 20 32 42
Shifters	63032/38	GripShift SRT-400 8 speed				30 17 28 37
Front derailleur	61408	Shimano STX Top Swing	Top pull, 31.8 mm/ 1 1/4"			
Rear derailleur	61500	Shimano STX-RC SGS				
Brakes	61100/1	Shimano M600 V brakes				
Brake levers	62725	Tektro 376A V brake				
Crankset		Sugino Impel 350 42/32/20	58/94 mm bolt hole circle			
Bottom bracket	61006	Shimano BB-LP26	73 x 113			
Pedals		Alloy cage w/clips and straps	9/16" axle			
Cassette	61205	Shimano HG608I 11-30	8spd			
Chain	61251	IG31	104L length			
Front wheel	973514					
Front hub	T960103	Fisher Ginzu Team suspension				
Front tire	T970846	WTB Primal Raptor	26 x 2.1"			
Rear wheel	973513					
Rear hub	61684	Shimano STX-RC	HyperGlide Compact cassette, 8spd, 135 mm O.L.D.			
Rear tire	T970847	WTB Primal Raptor	47/52			
Tubes		Presta valve				
Rims	97070116	Bontrager Maverick	542 E.R.D., Velox, 22mm rim strip			
Spokes		DT 15G stainless	32 spokes/265 front/263/265 rear(D/ND)/3x			
Saddle	58201	Bontrager Plus 10 Racing				
Seatpost		PM-312 alloy micro-adjust	27.2 mm diameter			
Seat binder	T960660	Alloy w/Fisher Spoon QR	31.8 clamp diameter			
Additional		Rack mounts, 2 water bottle mounts				
Colors		Bloodshot Red/ Cream and Red fork • Cream decals				
Frame sizes		XS	S	M	L	XL
Handlebar width		560	560	560	560	560
		57141	57141	57141	57141	57141
Stem length		90	105	120	135	135
		62117	62118	62119	62120	62120
Crank length		170	170	175	175	175
		T970225	T970225	T970226	T970226	T970226
Seatpost length		350	350	350	350	350
		57121	57121	57121	57121	57121
Steerer, mm		155	155	175	195	215
Head angle		70.3	70.8	71.3	71.3	71.3
Seat angle		73.8	73.8	73.8	73.3	73.3
MM	Standover	689	745	771	795	824
	Seat tube	330	441	470	501	539
	Head tube	85	85	105	125	145
	Eff top tube	537	554	568	583	597
	Reach	611	641	668	695	709
	Chainstays	420	420	420	420	420
	BB height	289	294	296	296	296
	Offset	38	38	38	38	38
	Trail	79	76	73	73	73
	Wheelbase	1014	1027	1039	1050	1065
IN	Standover	27.1	29.3	30.4	31.3	32.4
	Seat tube	13.0	17.4	18.5	19.7	21.2
	Head tube	3.3	3.3	4.1	4.9	5.7
	Eff top tube	21.1	21.8	22.4	23.0	23.5
	Reach	24.1	25.2	26.3	27.4	27.9
	Chainstays	16.5	16.5	16.5	16.5	16.5
	BB height	11.4	11.6	11.7	11.7	11.7
	Offset	1.5	1.5	1.5	1.5	1.5
	Trail	3.1	3.0	2.9	2.9	2.9
	Wheelbase	39.9	40.4	40.9	41.3	41.9

Our Price: \$

AQUILA

Main tubes		True Temper double butted Cro-Moly				20 32 42
Stays		Cro-Moly				11 48 76 100
Fork		Butted Cro-Moly				13 40 65 85
Headset	63341	Tange Seiki STE Aheadset	25.4/34.0/30.0, 24.5 mm stack			15 35 56 73
Handlebars		System 1 ATB, alloy, 230g	25.4mm clamp diameter			17 31 49 65
Stem		Melt forged alloy Ahead stem, Quick Change, 41.0 mm steerer clamp ht				20 26 42 55
Bar ends	54238	Fisher Fishsticks				23 23 36 48
Grips	62534	GripShift logo				26 20 32 42
Shifters	63032/38	GripShift SRT-400 8 speed				30 17 28 37
Front derailleur	61408	Shimano STX Top Swing	Top pull, 31.8 mm/ 1 1/4"			
Rear derailleur	61500	Shimano STX-RC SGS				
Brakes	61100/1	Shimano M600 V brakes				
Brake levers	62725	Tektro 376A V brake				
Crankset		Sugino Impel 300 42/32/20	58/94 mm bolt hole circle			
Bottom bracket	61006	Shimano BB-LP26	73 x 113			
Pedals		Alloy cage w/clips and straps	9/16" axle			
Cassette	61205	Shimano HG608I 11-30	8spd			
Chain	61251	IG31	104L length			
Front wheel	973514					
Front hub	T960101	System 1				
Front tire	T970243	WTB Primal Raptor	26 x 2.1"			
Rear wheel	973513					
Rear hub	61684	Shimano STX-RC	HyperGlide Compact cassette, 8spd, 135 mm O.L.D.			
Rear tire	T970244	WTB Primal Raptor	47/52			
Tubes		Presta valve				
Rims	970701	Bontrager Maverick	542 E.R.D., Velox, 22mm rim strip			
Spokes		DT 15G stainless	32 spokes/265 front/263/265 rear(D/ND)/3x			
Saddle	58201	Bontrager Plus 10 Racing				
Seatpost		PM-312 alloy micro-adjust	27.2 mm diameter			
Seat binder	T960660	Alloy w/Fisher Spoon QR	31.8 clamp diameter			
Additional		Rack mounts, 2 water bottle mounts				
Colors		Matte White Sand • Purple decals				
Frame sizes		XS S M L XL				
Handlebar width		560 560 560 560 560				
Stem length		57141 57141 57141 57141 57141				
Crank length		90 105 120 135 135				
Seatpost length		62117 62118 62119 62120 62120				
Steerer, mm		170 175 175 175 175				
Head angle		T970225 T970226 T970226 T970226 T970226				
Seat angle		350 350 350 350 350				
MM		57121 57121 57121 57121 57121				
Standover		155 155 175 195 215				
Seat tube		70.3 70.8 71.3 71.3 71.3				
Head tube		73.8 73.8 73.8 73.3 73.3				
Eff top tube		689 745 771 795 824				
Reach		330 441 470 501 539				
Chainstays		85 85 105 125 145				
BB height		537 554 568 583 597				
Offset		611 641 668 695 709				
Trail		420 420 420 420 420				
Wheelbase		289 294 296 296 296				
IN		38 38 38 38 38				
Standover		79 76 73 73 73				
Seat tube		1014 1027 1039 1050 1065				
Head tube		27.1 29.3 30.4 31.3 32.4				
Eff top tube		13.0 17.4 18.5 19.7 21.2				
Reach		3.3 3.3 4.1 4.9 5.7				
Chainstays		21.1 21.8 22.4 23.0 23.5				
BB height		24.1 25.2 26.3 27.4 27.9				
Offset		16.5 16.5 16.5 16.5 16.5				
Trail		11.4 11.6 11.7 11.7 11.7				
Wheelbase		1.5 1.5 1.5 1.5 1.5				
		3.1 3.0 2.9 2.9 2.9				
		39.9 40.4 40.9 41.3 41.9				

Main tubes		Double butted Cro-Moly				24 34 42
Stays		Cro-Moly				11 57 81 100
Fork		Rock Shox Quadra 5	48 mm travel			13 48 69 85
Headset	T961304	Steel	25.4/34.0/30.0, 34.0 mm stack			16 39 56 69
Handlebars		Aluminum alloy	25.4mm clamp diameter			19 33 47 58
Stem		Cro-Moly ATB, Quick Change	25.4 mm insertion			22 29 41 50
Bar ends		Bonded aluminum				26 24 34 42
Grips	62209	Kraton				30 21 30 37
Shifters	6303618	GripShift SRT-400				
Front derailleur	61394	Shimano Alivio	Top pull, 28.6 mm/ 1 1/8"			
Rear derailleur	61497	Shimano Alivio				
Brakes	6108112	Shimano Alivio				
Brake levers	61080	Alloy				
Crankset		Shimano Alivio 42/34/24	67 mm bolt hole circle			
Bottom bracket	61006	Shimano BB-LP26	73 x 113			
Pedals	57182	Steel cage, clips and straps	9/16" axle			
Cassette	61228	Shimano IG51 11-30	7spd			
Chain	61251	IG31				
Front wheel	64179					
Front hub	T960101	Alloy QR				
Front tire	T970210	WTB PrimalRaptor	26 x 2.1			
Rear wheel	64178					
Rear hub	61659	Shimano Alivio, sealed mechanism, HyperGlide Compact cassette, 7spd, 135 mm O.L.D.				
Rear tire	T970271	WTB PrimalRaptor	47/52			
Tubes		Presta valve				
Rims	58358	Weinmann 519	545 E.R.D.,			
Spokes		15G stainless	32 spokes/268 front/266 rear(D/ND)/3x			
Saddle	58201	Fisher Supersoft foam				
Seatpost		Micro-adjust, alloy	26.6 mm diameter			
Seat binder		Kalloy M6 x 55 QR (T962846)				
Additional Colors		Matte Titanium/ Black fork • Black on Red decals				
Frame sizes		XS	S	M	L	XL
Handlebar width		560	560	560	560	560
Stem length		57141	57141	57141	57141	57141
Crank length		90	105	120	135	150
Seatpost length		57048	57049	57050	57051	57052
Steerer, mm		170	170	175	175	175
Head angle		61278	61278	61279	61279	61279
Seat angle		350	350	350	350	350
Standover		57102	57102	57102	57102	57102
Seat tube		119	139	159	179	199
Head tube		71.0	71.0	71.5	71.5	71.5
Eff top tube		74.5	74.0	74.0	73.5	73.5
Reach		703	751	767	784	815
Chainstays		85	105	125	145	165
BB height		540	554	568	583	597
Offset		619	646	668	696	722
Trail		420	420	420	420	420
Wheelbase		288	292	292	292	292
Standover		38	38	38	38	38
Seat tube		74	74	71	71	71
Head tube		1014	1025	1037	1048	1063
Eff top tube		27.7	29.6	30.2	30.9	32.1
Reach		3.3	4.1	4.9	5.7	6.5
Chainstays		21.3	21.8	22.4	23.0	23.5
BB height		24.4	25.4	26.3	27.4	28.4
Offset		16.5	16.5	16.5	16.5	16.5
Trail		11.3	11.5	11.5	11.5	11.5
Wheelbase		1.5	1.5	1.5	1.5	1.5
		2.9	2.9	2.8	2.8	2.8
		39.9	40.4	40.8	41.3	41.9

Our Price: \$

TASSAJARA

Main tubes		Double butted Cro-Moly				24 34 42
Stays		Cro-Moly				11 57 81 100
Fork		Cro-Moly				13 48 69 85
Headset	T961304	Steel	25.4/34.0/30.0, 35.0 mm stack			16 39 56 69
Handlebars		Aluminum alloy	25.4mm clamp diameter			19 33 47 58
Stem		Cro-Moly ATB	25.4 mm insertion			22 29 41 50
Bar ends		-				26 24 34 42
Grips	62209	Fisher Hex, Kraton				30 21 30 37
Shifters	63036/8	GripShift SRT-400				
Front derailleur	61394	Shimano Alivio	Top pull, 28.6 mm/ 1 1/8"			
Rear derailleur	61497	Shimano Alivio				
Brakes	61081/2	Shimano Alivio				
Brake levers	61080	Alloy				
Crankset	57182	Shimano Alivio 42/34/24	67 mm bolt hole circle			
Bottom bracket	61006	Shimano BB-LP26	73 x 113			
Pedals		Steel cage w/clips and straps	9/16" axle			
Cassette	61228	Shimano IG51 11-30	7spd			
Chain	61251	IG31				
Front wheel	64179					
Front hub	T962843	Alloy QR				
Front tire	T970210	WTB PrimalRaptor	26 x 2.1			
Rear wheel	64178					
Rear hub	61659	Shimano Alivio, sealed mechanism, HyperGlide Compact cassette, 7spd, 135 mm O.L.D.				
Rear tire	T970271	WTB PrimalRaptor	47/52			
Tubes		Presta valve				
Rims	58358	Weinmann 519	545 E.R.D.,			
Spokes		15G stainless	36 spokes/268 front/266/267 rear(D/ND)/3x			
Saddle	58201	Fisher Supersoft foam				
Seatpost		SP-243 alloy micro-adjust	26.6 mm diameter			
Seat binder		Kalloy M6 x 55 QR (T962846)				
Additional Colors		Matte Red • Gold decals				
Frame sizes		XS S M L XL				
Handlebar width		560 560 560 560 560				
		57141 57141 57141 57141 57141				
Stem length		90 105 120 135 150				
		57048 57049 57050 57051 57052				
Crank length		170 170 175 175 175				
		61278 61278 61279 61279 61279				
Seatpost length		300 350 350 350 350				
		57102 57102 57102 57102 57102				
Steerer, mm		125 145 165 185 205				
Head angle		71.0 71.0 71.5 71.5 71.5				
Seat angle		74.5 74.0 74.0 73.5 73.5				
MM Standover		703 751 767 784 815				
Seat tube						
Head tube		85 105 125 145 165				
Eff top tube		540 554 568 583 597				
Reach		619 646 668 696 722				
Chainstays		420 420 420 420 420				
BB height		288 288 292 292 292				
Offset		38 38 38 38 38				
Trail		74 74 71 71 71				
Wheelbase		1014 1025 1037 1048 1063				
IN Standover		27.7 29.6 30.2 30.9 32.1				
Seat tube						
Head tube		3.3 4.1 4.9 5.7 6.5				
Eff top tube		21.3 21.8 22.4 23.0 23.5				
Reach		24.4 25.4 26.3 27.4 28.4				
Chainstays		16.5 16.5 16.5 16.5 16.5				
BB height		11.3 11.3 11.5 11.5 11.5				
Offset		1.5 1.5 1.5 1.5 1.5				
Trail		2.9 2.9 2.8 2.8 2.8				
Wheelbase		39.9 40.4 40.8 41.3 41.9				

Main tubes		Cro-Moly	24 34 42				
Stays		Cro-Moly	11	57	81	100	
Fork		Cro-Moly	13	48	69	85	
Headset		Steel	15	42	59	73	
Handlebars		Steel	18	35	50	61	
Stem		Steel ATB, Quick Change	21	30	42	52	
Bar ends		-	24	26	37	46	
Grips		Kraton	28	22	32	39	
Shifters		GripShift SRT-400					
Front derailleur		Shimano Acera-X Top Swing					
Rear derailleur		Shimano Alivio					
Brakes		Shimano Acera-X					
Brake levers		Alloy					
Crankset		Shimano Acera-X 42/34/24					
Bottom bracket		Shimano BB-LP26					
Pedals		Resin w/clips and straps					
Cassette		Shimano HG30 11-28					
Chain		KMC HG50					
Front wheel							
Front hub		Alloy QR					
Front tire		WTB PrimalRaptor					
Rear wheel							
Rear hub		Shimano Acera-X					
Rear tire		WTB PrimalRaptor					
Tubes		Schraeder valve					
Rims		Weinmann 519					
Spokes		15G stainless					
Saddle		Fisher Supersoft foam					
Seatpost		Micro-adjust, alloy 26.6 mm diameter					
Seat binder		M6 x 55 QR (T962846)					
Additional Colors		Black • White decals					
Frame sizes		Matte Fern Green					
Handlebar width		XS S M L XL					
Stem length		90 105 120 135 150					
Crank length		170 175 175 175 175					
Seatpost length		300 350 350 350 350					
Steerer, mm		125 145 165 185 205					
Head angle		71.0 71.0 71.5 71.5 71.5					
Seat angle		74.5 74.0 74.0 73.5 73.5					
MM	Standover	703 751 767 784 815					
	Seat tube						
	Head tube	85 105 125 145 165					
	Eff top tube	540 554 568 583 597					
	Reach	619 646 668 696 722					
	Chainstays	420 420 420 420 420					
	BB height	288 288 292 292 292					
	Offset	38 38 38 38 38					
	Trail	74 74 71 71 71					
	Wheelbase	1014 1025 1037 1048 1063					
IN	Standover	27.7 29.6 30.2 30.9 32.1					
	Seat tube						
	Head tube	3.3 4.1 4.9 5.7 6.5					
	Eff top tube	21.3 21.8 22.4 23.0 23.5					
	Reach	24.4 25.4 26.3 27.4 28.4					
	Chainstays	16.5 16.5 16.5 16.5 16.5					
	BB height	11.3 11.3 11.5 11.5 11.5					
	Offset	1.5 1.5 1.5 1.5 1.5					
	Trail	2.9 2.9 2.8 2.8 2.8					
	Wheelbase	39.9 40.4 40.8 41.3 41.9					

KLUNKER

Our Price: \$

Main tubes		Cro-Moly		22 32 42
Stays		Cro-Moly		11 52 76 100
Fork		Cro-Moly		13 44 65 85
Headset		Steel	22.2/30.2/26.4, 30.0 mm stack	15 38 56 73
Handlebars		Aluminum alloy, retro bend		18 32 47 61
Stem		Alloy, forged	22.2 mm insertion	21 27 40 52
Bar ends		-		24 24 35 46
Grips		Fisher Hex, high density foam		28 21 30 39
Shifters		Shimano STX RapidFire+		
Front derailleur		Shimano STX Top Swing	Down pull, 28.6 mm/ 1 1/8"	
Rear derailleur	61500	Shimano STX SGS		
Brakes		Shimano Acera-X		
Brake levers		combination shift/brake		
Crankset		Shimano STX 42/32/22	58/94 mm bolt hole circle	
Bottom bracket		Shimano BB-LP26	68 x 110	
Pedals		Alloy w/CroMoly axles	9/16" axle	
Cassette	61228	Shimano IG50 11-28	7spd	
Chain	61251	IG31		
Front wheel		Shimano STX		
Front hub		Duro knobby	26 x 2.1	
Front tire				
Rear wheel		Shimano STX	HyperGlide Compact cassette, nipped f & r, 7spd, 135 mm O.L.D.	
Rear hub		Duro knobby	26 x 2.1	
Rear tire				
Tubes				
Rims		Femco alloy		
Spokes		14G stainless	36 spokes/264 front/262/263 rear(D/ND)/3x	
Saddle		Brooks B-17, leather, coil springs		
Seatpost		Micro-adjust, alloy, w/ double rail clamp 26.6 mm diameter		
Seat binder		Kalloy M6 x 55 QR		
Additional				
Colors		Nickel		
Frame sizes		16.5		
Handlebar width		630		
Stem length		140		
Crank length		175		
Seatpost length		400		
Steerer, mm		162		
Head angle		68.0		
Seat angle		69.0		
MM Standover		766		
Seat tube				
Head tube		120		
Eff top tube		597		
Reach		663		
Chainstays		477		
BB height		303		
Offset		64		
Trail		66		
Wheelbase		1140		
IN Standover		30.2		
Seat tube				
Head tube		4.7		
Eff top tube		23.5		
Reach		26.1		
Chainstays		18.8		
BB height		11.9		
Offset		2.5		
Trail		2.6		
Wheelbase		44.9		



SUBs

Assembly Details

Seatposts

Lubricate the seatpost before insertion. Apply a thin layer of grease to the section of the seatpost that will be inserted into the frame. Insert the seatpost into the frame, adjust to the proper height, and engage the binder lever or bolt. Never engage the seatpost binder lever with the seatpost out of the frame.

Aluminum, 3 Tube Carbon, and some steel hybrid bikes are designed to accept 27.2 mm seatposts with a tolerance of 27.10 to 27.20 mm outer diameter (or in the case of 730 and lower numbers; 26.6 mm +0/-0.1mm). Measure aftermarket seatposts for conformity to this tolerance prior to installation.

For seat post binder bolts, tighten to 85-125 lb•in (9.6-14.1 NM).

Special Parts

	Part #
BAU (Brake Actuator Unit)	T950695
Women's BAU	T940358

Bottom bracket

Be sure bottom bracket threads are clean and well greased before insertion. Failure to do so may cause galling of the threads, especially when inserting into an aluminum bottom bracket shell.

Our Price: \$

UTOPIA

Main tubes		TIG welded aluminum alloy			24 36 46
Stays					11 57 85 109
Fork		Cro-Moly			13 48 72 92
Headset	T961304	VP H913W	25.4/34.0/30.0, 24.0 mm stack		16 39 59 75
Handlebars		Alloy Arc	25.4mm clamp diameter		19 33 49 63
Stem		CroMoly ATB, Quick Change	25.4 mm insertion		22 28 43 55
Bar ends		-			26 24 36 46
Grips	62534	GripShift logo			30 21 31 40
Shifters	63036/8	GripShift SRT-400			
Front derailleur	61409	Shimano STX Top Swing	Top pull, 34.9 mm/ 1 3/8"		
Rear derailleur	61498	Shimano STX SGS			
Brakes	61087/8	Shimano Alivio			
Brake levers	61080	Shimano Alivio			
Crankset		Sugino Fuse 500 Comp 46/36/24, 58/94 mm bolt hole circle			
Bottom bracket	61024	Shimano BB-UN52	73 x 118		
Pedals	57182	Alloy cage w/clips and straps	9/16" axle		
Cassette	61228	Shimano IG50 11-30	7spd		
Chain	61251	IG31	106L length		
Front wheel	973514				
Front hub	T960101	System 1			
Front tire	T960315	Tioga City Slicker II	26 x 1.5"		
Rear wheel	973515				
Rear hub	61668	Shimano STX	HyperGlide Compact cassette, 7spd, 135 mm O.L.D.		
Rear tire	T960315	Tioga City Slicker II	26 x 1.5"		
Tubes		Presta valve			
Rims	97070116	Bontrager Maverick	542 E.R.D., Velox, 22mm rim strip		
Spokes		DT 15G stainless	32 spokes/265 front/263/265 rear(D/ND)/3x		
Saddle	58207	Bontrager Plus 10 Racing			
Seatpost		PM-312 alloy micro-adjust	27.2 mm diameter		
Seat binder	F973556	Alloy w/Fisher Spoon QR	35.0 clamp diameter		
Additional Colors		Red Earth • Gold on White decals			
Frame sizes		S M L XL			
Handlebar width		580 580 580 580			
		62116 62116 62116 62116			
Stem length		105 120 135 150			
		62378 62379 62380 62381			
Crank length		170 175 175 175			
		T960359 T960359 T960359			
Seatpost length		350 350 350 350			
		57106 57106 57106 57106			
Steerer, mm		119 134 154 174			
Head angle		72.5 73.0 73.0 73.0			
Seat angle		75.0 75.0 75.0 75.0			
MM		703 739 767 800			
Standover					
Seat tube					
Head tube		90 105 125 145			
Eff top tube		548 564 579 591			
Reach		662 564 579 591			
Chainstays		420 420 420 420			
BB height		290 295 295 295			
Offset		45 45 45 45			
Trail		55 53 53 53			
Wheelbase		1023 1036 1046 1061			
IN		27.7 29.1 30.2 31.5			
Standover					
Seat tube					
Head tube		3.5 4.1 4.9 5.7			
Eff top tube		21.6 22.2 22.8 23.3			
Reach		26.1 22.2 22.8 23.3			
Chainstays		16.5 16.5 16.5 16.5			
BB height		11.4 11.6 11.6 11.6			
Offset		1.8 1.8 1.8 1.8			
Trail		2.2 2.1 2.1 2.1			
Wheelbase		40.3 40.8 41.2 41.8			

Main tubes		Cro-Moly				34
Stays						35
Fork		Cro-Moly				41
Headset	T961304	VP H913W	25.4/34.0/30.0, 34.0 mm stack			46
Handlebars		Alloy Arc	25.4mm clamp diameter			54
Stem		Cro-Moly, Quick Change	25.4 mm insertion			63
Bar ends		-				74
Grips	62533	Foam				85
Shifters	T972934	Shimano Nexus				
Front derailleur		-				
Rear derailleur		-				
Brakes	61081	Shimano Nexus Roller Disc rear (T972721), Altus CT91 front				
Brake levers		Chang Star 274A				
Crankset		Sugino 34T	Riveted			
Bottom bracket	61001	Shimano BB-CT91	73 x 121			
Pedals	52111	Dual Density	9/16" axle			
Cassette		16T				
Chain	54006	Sachs TM20	96L length			
Front wheel	60936					
Front hub	T942911	Alloy, sealed				
Front tire	T960315	Tioga City Slicker II	26 x 1.5"			
Rear wheel						
Rear hub	57619	Shimano Nexus 7 speed	Nexus rear, bolted front & rear, 135 mm O.L.D.			
Rear tire	T960315	Tioga City Slicker II	26 x 1.5"			
Tubes		Schraeder valve				
Rims	58357	Weinmann 519	545 E.R.D.,			
Spokes		DT 15G stainless	36 spokes/266 front/269/270 rear(D/ND)/3x			
Saddle	58201	Fisher SuperSoft Foam				
Seatpost		SP-242 alloy micro-adjust	26.6 mm diameter			
Seat binder		Quick release (F962846)				
Additional		Rack mounts, 2 water bottle mounts, chainguard				
Colors		Onyx Black • Silver decals				
Frame sizes		S	M	L	XL	S-L
Handlebar width		580	580	580	580	580
		62116	62116	62116	62116	62116
Stem length		105	120	135	150	105
		62380	62379	62380	62381	62378
Crank length		170	175	175	175	170
		T972688	T972689	T972689	T972689	
Seatpost length		300	350	350	350	300
		57117	57117	57117	57117	57117
Steerer, mm		143	163	183	203	143
Head angle		71.8	72.3	72.3	72.3	71.8
Seat angle		74.8	74.8	74.3	74.3	74.8
MM	Standover	743	759	776	807	543
	Seat tube					
	Head tube	105	125	145	165	105
	Eff top tube	545	550	560	570	580
	Reach	638	664	689	713	665
	Chainstays	420	420	420	420	420
	BB height	282	286	286	286	285
	Offset	45	45	45	45	45
	Trail	60	57	57	57	60
	Wheelbase	1020	1032	1043	1058	1020
IN	Standover	29.3	29.9	30.6	31.8	21.4
	Seat tube					
	Head tube	4.1	4.9	5.7	6.5	4.1
	Eff top tube	21.5	21.7	22.0	22.4	22.8
	Reach	25.1	26.02	27.1	28.1	26.2
	Chainstays	16.5	16.5	16.5	16.5	16.5
	BB height	11.1	11.3	11.3	11.3	11.2
	Offset	1.8	1.8	1.8	1.8	1.8
	Trail	2.4	2.2	2.2	2.2	2.4
	Wheelbase	40.2	40.6	41.1	41.7	40.2

Our Price: \$

NIRVANA

Main tubes		True Temper double butted Cro-Moly					28 38 48
Stays							11 66 90 114
Fork		Cro-Moly					13 56 76 96
Headset	T961304	VP H913W 25.4/34.0/30.0, 34.0 mm stack					15 49 66 84
Handlebars		Alloy Arc 25.4mm clamp diameter					18 41 55 70
Stem		Cro-Moly, Quick Change 25.4 mm insertion					22 33 45 57
Bar ends		-					26 28 38 48
Grips	62534	GripShift logo					30 24 33 42
Shifters	6303618	GripShift SRT-400					
Front derailleur	T970277	Shimano FC500 Top pull, 31.8 mm/ 1 1/4"					
Rear derailleur	61497	Shimano Alivio					
Brakes	6108718	Shimano Alivio					
Brake levers	61080	Chang Star 274A					
Crankset		Shimano FC500 48/38/28 74/110 mm bolt hole circle					
Bottom bracket	61025	Shimano BB-UN52 73 x 118					
Pedals		Steel cage w/clips and straps 9/16" axle					
Cassette	61228	Shimano IG50 11-30 7spd					
Chain	61251	Shimano IG31 106L length					
Front wheel	64179						
Front hub	T942843	Alloy, sealed					
Front tire	T960315	Tioga City Slicker II 26 x 1.5"					
Rear wheel	64178						
Rear hub	61659	Shimano Alivio HyperGlide Compact cassette, 7spd, 135 mm O.L.D.					
Rear tire	T960315	Tioga City Slicker II 26 x 1.5"					
Tubes		Presta valve					
Rims	58357	Weinmann 519 545 E.R.D.,					
Spokes		DT 15G stainless 32 spokes/268 front/266/267 rear(D/ND)/3x					
Saddle	58201	Fisher SuperSoft Foam					
Seatpost		PM-312 alloy micro-adjust 27.2 mm diameter					
Seat binder		Alloy w/Fisher Spoon QR QR clamp diameter					
Additional Colors		Retro Blue• Black on Yellow decals					
Frame sizes		XS	S	M	L	XL	
Handlebar width		580	580	580	580	580	
		62116	62116	62116	62116	62116	
Stem length		90	105	120	135	150	
		62377	62378	62379	62380	62381	
Crank length		170	170	170	170	170	
		T970275	T970275	T970275	T970275	T970275	
Seatpost length		300	350	350	350	350	
			57106	57106	57106	57106	
Steerer, mm		121	121	141	161	181	
Head angle		72.5	73.0	73.0	73.0	73.0	
Seat angle		75.0	75.0	75.0	75.0	75.0	
MM	Standover	695	743	759	776	807	
	Seat tube	367	431	462	494	532	
	Head tube	85	105	125	145	165	
	Eff top tube	540	554	568	583	597	
	Reach	620	648	670	697		
	Chainstays	420	420	420	420	420	
	BB height	282	282	286	286	286	
	Offset	45	45	45	45	45	
	Trail	60	60	57	57	57	
	Wheelbase	1009	1020	1032	1043	1058	
IN	Standover	27.4	29.3	29.9	30.6	31.8	
	Seat tube	14.4	17.0	18.2	19.4	20.9	
	Head tube	3.3	4.1	4.9	5.7	6.5	
	Eff top tube	21.3	21.8	22.4	23.0	23.5	
	Reach	24.4	25.5	26.4	27.5		
	Chainstays	16.5	16.5	16.5	16.5	16.5	
	BB height	11.1	11.1	11.3	11.3	11.3	
	Offset	1.8	1.8	1.8	1.8	1.8	
	Trail	2.4	2.4	2.2	2.2	2.2	
	Wheelbase	39.7	40.2	40.6	41.1	41.7	

ZEBRANO

Our Price: \$

Main tubes		Cro-Moly						24 34 42
Stays		Cro-Moly						
Fork		Cro-Moly						11 57 81 100
Headset	T961304	Steel		22.2/30.0/27.0, 30.9 mm stack				13 48 68 84
Handlebars		Alloy Arc		25.4mm clamp diameter				15 42 59 73
Stem		CroMoly Quick Change		22.2 mm insertion				18 35 49 61
Bar ends		-						21 30 42 52
Grips	62209	Kraton						24 26 37 46
Shifters	63013/39	GripShift MRX170						28 22 32 39
Front derailleur	61389	Shimano Altus CT92		Down pull, 28.6 mm/ 1 1/8"				
Rear derailleur	61495	Shimano Acera-X						
Brakes	61081/2	Shimano Altus CT91						
Brake levers	61080	Alloy						
Crankset		Shimano Altus CT92 42/34/24, Riveted						
Bottom bracket	61001	Shimano BB-CT91		73 x 121				
Pedals		Dual Density		9/16" axle				
Cassette	611173	Shimano IG50 11-28		7spd				
Chain	61251	IG31						
Front wheel	64179							
Front hub	T942911	Alloy QR						
Front tire	T972865	Tioga City Slicker II		26 x 1.5				
Rear wheel	64178							
Rear hub	61647	Shimano RM40		HyperGlide Compact cassette, 7spd, 135 mm O.L.D.				
Rear tire	T972865	Tioga City Slicker II		26 x 1.5				
Tubes		Schraeder valve						
Rims	58357	Weinmann 519		545 E.R.D.,				
Spokes		15G Stainless		36 spokes/266 front/261/263 rear(D/ND)/3x				
Saddle	58201	Fisher Supersoft foam						
Seatpost		Micro-adjust, alloy		26.6 mm diameter				
Seat binder		Quick release (T962846)						
Additional Colors		Ballistic Blue • Gold decals						
Frame sizes		XS S M L XL SM-L LG-L						
Handlebar width		560 560 560 560 560 560 560						
		57141 57141 57141 57141 57141 57141 57141						
Stem length		90 105 120 135 150 90 105						
		57048 57049 57050 57051 57052 57048 57050						
Crank length		170 170 170 170 170 170 170						
		61274 61274 61274 61274 61274 61274 61274						
Seatpost length		300 300 350 350 350 300 350						
		57102 57102 57102 57102 57102 57102 57102						
Steerer, mm		123 123 123 133 173 153 198						
Head angle		70.0 70.5 70.5 71.5 71.5 70.5 71.5						
Seat angle		74.0 74.0 73.0 73.0 73.0 74.0 73.0						
MM Standover		702 727 750 781 825						
Seat tube		367 431 462 494 532						
Head tube		90 90 90 100 140 120 165						
Eff top tube		540 554 568 583 597 550 560						
Reach		605 630 655 683 708 615 637						
Chainstays		420 420 420 420 420 420 420						
BB height		281 281 281 281 281 281 281						
Offset		50 50 50 50 50 50 50						
Trail		73 70 70 63 63 70 63						
Wheelbase		1037 1038 1039 1040 1051 1038 1039						
IN Standover		27.6 28.6 29.5 30.7 32.5						
Seat tube		14.4 17.0 18.2 19.4 20.9						
Head tube		3.5 3.5 3.5 3.9 5.5 4.7 6.5						
Eff top tube		21.3 21.8 22.4 23.0 23.5 21.7 22.0						
Reach		23.8 24.8 25.8 26.9 27.9 24.2 25.1						
Chainstays		16.5 16.5 16.5 16.5 16.5 16.5 16.5						
BB height		11.1 11.1 11.1 11.1 11.1 11.1 11.1						
Offset		2.0 2.0 2.0 2.0 2.0 2.0 2.0						
Trail		2.9 2.8 2.8 2.5 2.5 2.8 2.5						
Wheelbase		40.8 40.9 40.9 40.9 41.4 40.9 40.9						

Kids and BMX

Although these bikes may not be particularly expensive, they still deserve a quality assembly. Remember, the customer riding a MudPuppy today may be shopping for a Joshua in just a few years!

Bikes and Kids

Pay particular attention to greasing the threads on these bikes. They often are left out in the yard when it rains, etc. They may even be ridden in salt water (shudder!). Make sure to grease the stem bolts (all 4 handlebar clamp bolts on BMX style stems), seatpost, and stem insertion, as well as axle nuts.

Also remember that with kids bikes they must endure hard play and low maintenance. Make sure all the accessories (like chain guards) are aligned and tightened. Also check the chain tension, as this is part of the braking system on a coaster brake equipped bike.

On bikes with training wheels, the correct height of the training wheels depends on the skill of the rider. For new riders just learning: With correct air pressure in the tires and the rider seated on the bike, there should be 3-5 mm clearance between the training wheels and the ground with the bike fully upright. As a rider's skill increases, this gap may be increased to allow leaning the bike in corners, and to teach balance.

Redundant Wheel Retention Devices

With our BMX bikes, do not remove the 'top hat' washers from the front wheel axles. They are redundant retention devices, there to help protect people who neglect to correctly tighten the wheel axle nuts. The portion of the 'tophat' with a smaller diameter fits into the fork's keyhole dropout, while the larger diameter works much like a washer on the outside surface of the fork blade. Make sure they are correctly installed, and instruct the consumer to leave them in place at all times.

Rotors

Some models of BMX bikes are equipped with rotors. When equipped with a rotor, a bike with a front brake can have its handlebars rotated 360 degrees (repeatedly, if you're really good) without catching the brake cable. Bikes with rotors have a specific headset stack with specific washers. do not attempt to remove headset washers for rotor-equipped bikes.

Also pay special attention to the brake adjustment on bikes equipped with rotors. Make sure there is adequate possible adjustment of the brake cable tension with the various barrel adjusters involved.

Our Price: \$

PIRANHA

Main tubes		Hitensile steel							28 38 48
Stays		High tensile steel							14 47 64 81
Fork		High tensile steel							16 41 56 71
Headset	T961304	Steel		22.2/30.0/27.0, 37.0 mm stack					18 37 50 63
Handlebars		Steel		25.4mm clamp diameter					21 31 43 54
Stem		Steel ATB		22.2 mm insertion					24 28 37 47
Bar ends		-							28 24 32 40
Grips		Fisher Hex, Kraton							
Shifters		QuickShift 60, right only, 6spd							
Front derailleur	61382	Shimano Tourney		Down pull, 28.6 mm/ 1 1/8"					
Rear derailleur		Shimano Tourney							
Brakes		Shimano Altus C90							
Brake levers		Alloy							
Crankset		SR 48/38/28		Riveted					
Bottom bracket		YST BB-613		73 x D3N					
Pedals		ATB nylon		9/16" axle					
Cassette		Shimano HG22 14-28		6spd					
Chain	61245	KMC UG50							
Front wheel									
Front hub		Alloy							
Front tire		Kenda		24 x 1.9					
Rear wheel									
Rear hub		Alloy		Threaded, 1 spd, nitted front and rear, 135 mm O.L.D.					
Rear tire		Kenda		24 x 1.9					
Tubes		Schraeder valve							
Rims	58357	Weinmann 519							
Spokes		15G UCP		36 spokes/239 front/236/238 rear(D/ND)/3x					
Saddle	58201	Fisher Supersoft foam							
Seatpost		Steel, black		26.6 mm diameter					
Seat binder		M6 x 23.5							
Additional									
Colors		Gloss Bright Blue- boys							
		Dry Magenta- girls							
Frame sizes		XS S M L XL SM-L LG-L							
Handlebar width		540							
Stem length		105							
Crank length		165							
Seatpost length		300							
Steerer, mm		123							
Head angle		71.0 71.0 71.5 71.5 71.5 71.0 71.5							
Seat angle		74.5 74.0 74.0 73.5 73.5 74.0 73.5							
MM	Standover	703 751 767 784 815 639 660							
	Seat tube								
	Head tube	90 90 90 100 140 120 165							
	Eff top tube	540 554 568 583 597 551 580							
	Reach	617 554 568 583 597 551 580							
	Chainstays	420 420 420 420 420 420 420							
	BB height	288 288 292 292 292 291 295							
	Offset	38 38 38 38 38 38 38							
	Trail	74 74 71 71 71 74 71							
	Wheelbase	1014 1025 1037 1048 1063 1019 1046							
IN	Standover	27.7 29.6 30.2 30.9 32.1 25.2 26.0							
	Seat tube								
	Head tube	3.5 3.5 3.5 3.9 5.5 4.7 6.5							
	Eff top tube	21.3 21.8 22.4 23.0 23.5 21.7 22.8							
	Reach	24.3 21.8 22.4 23.0 23.5 21.7 22.8							
	Chainstays	16.5 16.5 16.5 16.5 16.5 16.5 16.5							
	BB height	11.3 11.3 11.5 11.5 11.5 11.5 11.6							
	Offset	1.5 1.5 1.5 1.5 1.5 1.5 1.5							
	Trail	2.9 2.9 2.8 2.8 2.8 2.9 2.8							
	Wheelbase	39.9 40.4 40.8 41.3 41.9 40.1 41.2							

Main tubes		Hitensile steel		28 38 48
Stays		High tensile steel		14 47 64 81
Fork		High tensile steel		16 41 56 71
Headset	59462	Steel	22.2/30.0/27.0, 33.0 mm stack	18 37 50 63
Handlebars		Steel	25.4mm clamp diameter	21 31 43 54
Stem		Steel ATB	22.2 mm insertion	24 28 37 47
Bar ends		-		28 24 32 40
Grips	62534	Fisher Hex, Kraton		
Shifters	63014/40	GripShift MRX160		
Front derailleur	61382	Shimano Tourney	Down pull, 28.6 mm/ 1 1/8"	
Rear derailleur	61493	Shimano Tourney		
Brakes	61081/2	Alloy cantilever		
Brake levers	62694	Alloy		
Crankset		SR 48/38/28	Riveted	
Bottom bracket	6100	YST BB-613	73 x D3N	
Pedals	57180	ATB nylon	9/16" axle	
Cassette	58475	Shimano HG22 14-28	6spd	
Chain	53356	KMC UG50		
Front wheel	62285			
Front hub		Alloy		
Front tire		Kenda	24 x 1.9	
Rear wheel	62286			
Rear hub		Alloy	Threaded, 1 spd, nitted front and rear, 135 mm O.L.D.	
Rear tire		Kenda	24 x 1.9	
Tubes		Schraeder valve		
Rims	58356	Weinmann 519		
Spokes		15G UCP	36 spokes/239 front/236/238 rear(D/ND)/3x	
Saddle	58201	Fisher Supersoft foam		
Seatpost		Steel, black	26.6 mm diameter	
Seat binder		M6 x 23.5		
Additional	59466	(Girls) Brake Roller Rear		
Colors		Black • Gold on Red decals- boys		
		Purple • Retro Blue on Silver decals- girls		
Frame sizes		11.5B 11.5G		
Handlebar width		540		
		54317		
Stem length		105		
		53281		
Crank length		165		
Seatpost length		300		
		57102		
Steerer, mm		123		
Head angle		70.5	70.5	
Seat angle		74.5	74.5	
MM	Standover	640		
	Seat tube			
	Head tube	85		
	Eff top tube	525	525	
	Reach	601	525	
	Chainstays	394	394	
	BB height	277		
	Offset	38	38	
	Trail	68		
	Wheelbase	981	981	
IN	Standover	25.2		
	Seat tube			
	Head tube	3.3		
	Eff top tube	20.7	20.7	
	Reach	23.7	20.7	
	Chainstays	15.5	15.5	
	BB height	10.9		
	Offset	1.5	1.5	
	Trail	2.7		
	Wheelbase	38.6	38.6	

Our Price: \$

MT. JAM

Main tubes		Hitensile steel		28 38 48
Stays		High tensile steel		14 47 64 81
Fork		RST 161	38mm travel	16 41 56 71
Headset	59462	Steel	22.2/30.0/27.0, 33.0 mm stack	18 37 50 63
Handlebars		Steel	25.4mm clamp diameter	21 31 43 54
Stem		Steel ATB	22.2 mm insertion	24 28 37 47
Bar ends	62534	Fisher Hex, Kraton		28 24 32 40
Grips	62534	-		
Shifters	63014/40	GripShift MRX160		
Front derailleur	61382	Shimano Tourney	Down pull, 28.6 mm/ 1 1/8"	
Rear derailleur	61493	Shimano Tourney		
Brakes	61081/2	Alloy cantilever		
Brake levers	53410	Alloy		
Crankset		SR 48/38/28	Riveted	
Bottom bracket	61000	YST BB-613	73 x D3N	
Pedals		ATB nylon	9/16" axle	
Cassette	58475	Shimano HG22 14-28	6spd	
Chain	61245	KMC UG50		
Front wheel	62285			
Front hub		Alloy		
Front tire		Kenda	24 x 1.9	
Rear wheel	62286			
Rear hub		Alloy	Threaded, 1 spd, nuted front and rear, 135 mm O.L.D.	
Rear tire		Kenda	24 x 1.9	
Tubes		Schraeder valve		
Rims	58357	Weinmann 519		
Spokes		15G UCP	36 spokes/239 front/236/238 rear(D/ND)/3x	
Saddle	58201	Fisher Supersoft foam		
Seatpost		Steel, black	26.6 mm diameter	
Seat binder		M6 x 23.5		
Additional				
Colors		Chrome/ Red fork • Red on Black decals		
Frame sizes		11.5B		
Handlebar width		540		
Stem length		105		
Crank length		53281 165		
Seatpost length		300		
Steerer, mm		57102 123		
Head angle		70.5		
Seat angle		74.5		
MM		640		
Standover				
Seat tube		85		
Head tube		525		
Eff top tube		601		
Reach		394		
Chainstays		277		
BB height		38		
Offset		68		
Trail		981		
Wheelbase				
IN		25.2		
Standover				
Seat tube		3.3		
Head tube		20.7		
Eff top tube		23.7		
Reach		15.5		
Chainstays		10.9		
BB height		1.5		
Offset		2.7		
Trail		38.6		
Wheelbase				

SHORTCUT

Our Price: \$

Main tubes		Hitensile steel		40
Stays		High tensile steel		14 57
Fork		High tensile steel,		16 50
Headset	59462	Steel	22.2/30.0/27.0, 35.0 mm stack	18 45
Handlebars		Steel, 30mm rise, DH style	25.4mm clamp diameter	21 38
Stem		Steel	22.2 mm insertion	24 33
Bar ends		-		28 29
Grips	55138	Kraton		
Shifters	63040	GripShift MRX160		
Front derailleur		-		
Rear derailleur	61493	Shimano Tourney		
Brakes	61081/2	Alloy cantilevers		
Brake levers	53410	Alloy		
Crankset		One piece, 40T		
Bottom bracket	6100	VP-B32	68 x 3J (30.5/52/30.5)	
Pedals	57180	ATB nylon	9/16" axle	
Cassette	58475	Shimano HG22 14-28	6spd	
Chain	53356	KMC UG50	100L length	
Front wheel	60920			
Front hub		Steel		
Front tire		ATB knobby	20 x 2.0	
Rear wheel	60921			
Rear hub		Steel	Coaster, 1 spd, nitted front and rear, 135 mm O.L.D.	
Rear tire	62777	ATB knobby	20 x 2.0	
Tubes		Schraeder valve		
Rims	58355	Weinmann 519		
Spokes		14G UCP	36 spokes/189 front/188/186 rear(D/ND)/3x	
Saddle	55196	Fisher Supersoft foam		
Seatpost		Steel	25.6 mm diameter	
Seat binder		M6 x 55		
Additional				
Colors		Blue• Black on Yellow decals- boys		
		Matte Teal• Red on Yellow decals- girls		
Frame sizes		11.5 B 11.5 G		
Handlebar width		520 540		
	51623			
Stem length		60 60		
Crank length		140 140		
Seatpost length		300 300		
	53376			
Steerer, mm		132 142		
Head angle		70.0		
Seat angle		74.0		
MM		702		
Standover				
Seat tube				
Head tube		90		
Eff top tube		545		
Reach		591 -21		
Chainstays		430		
BB height		281		
Offset		40		
Trail		83		
Wheelbase		1027		
IN		27.6		
Standover				
Seat tube				
Head tube		3.5		
Eff top tube		21.5		
Reach		23.3 -0.8		
Chainstays		16.9		
BB height		11.1		
Offset		1.6		
Trail		3.3		
Wheelbase		40.4		

Our Price: \$

MINNOSAURUS

Main tubes		Hitensile steel		40
Stays		High tensile steel		18 45
Fork		High tensile steel		
Headset	64828	Steel	22.2/30.0/27.0, 33.0 mm stack	
Handlebars		Steel, 30mm rise, DH style	25.4mm clamp diameter	
Stem		Steel	22.2 mm insertion	
Bar ends		-		
Grips	51636	Kraton		
Shifters		-		
Front derailleur		-		
Rear derailleur		-		
Brakes		Coaster		
Brake levers				
Crankset		One piece, 40T		
Bottom bracket	64806	One-piece type, VP-B35	24 TPI	
Pedals		ATB nylon	9/16" axle	
Cassette	62773	18T		
Chain	52095	KMC 410, 1/2x1/8"		
Front wheel	52852			
Front hub		Steel		
Front tire	58931	Dinosaur tread	20 x 1.75	
Rear wheel	52853			
Rear hub		Steel coaster	Coaster, 1 spd, nitted front and rear, 110 mm O.L.D.	
Rear tire	58931	Dinosaur tread	20 x 1.75	
Tubes		Schraeder valve		
Rims		Steel		
Spokes		14G UCP	36 spokes/188 front/185/187 rear(D/ND)/3x	
Saddle	56635	Fisher Supersoft foam		
Seatpost		Steel	26.6 mm diameter	
Seat binder		M6 x 55		
Additional		Chainguard (62719)		
Colors		Red- boys		
		Pink- girls		
Frame sizes		11.5 B 11.5 G		
Handlebar width		540 540		
		51623 51623		
Stem length		90 90		
		55126 55126		
Crank length		140 140		
		52089 52089		
Seatpost length		300 300		
		64838 64838		
Steerer, mm		128 138		
Head angle		70.0		
Seat angle		74.0		
MM		702		
Standover				
Seat tube		90		
Head tube		545		
Eff top tube		614 -31		
Reach		430		
Chainstays		281		
BB height		40		
Offset		83		
Trail		1027		
Wheelbase				
IN		27.6		
Standover				
Seat tube		3.5		
Head tube		21.5		
Eff top tube		24.2 -1.2		
Reach		16.9		
Chainstays		11.1		
BB height		1.6		
Offset		3.3		
Trail		40.4		
Wheelbase				

MUD PUPPY

Our Price: \$

Main tubes		Hitensile steel		32
Stays		High tensile steel		18 27
Fork		High tensile steel		
Headset	64828	Steel	22.2/30.0/27.0, 33.0 mm stack	
Handlebars		Steel	25.4mm clamp diameter	
Stem		Steel	22.2 mm insertion	
Bar ends		-		
Grips	51636	Kraton		
Shifters		-		
Front derailleur		-		
Rear derailleur		-		
Brakes		Coaster		
Brake levers				
Crankset		One piece, 32T		
Bottom bracket	94806	One-piece type, VP-B35	24 TPI	
Pedals	53346	ATB nylon	9/16" axle	
Cassette	62773	18T		
Chain	52095	KMC 410, 1/2x1/8"		
Front wheel				
Front hub		Steel		
Front tire	56422	BMX style	16 x 1.75	
Rear wheel				
Rear hub		Steel coaster	Coaster, 1 spd, nitted front and rear, 110 mm O.L.D.	
Rear tire	56422	BMX style	16 x 1.75	
Tubes		Schraeder valve		
Rims		Steel		
Spokes		14G UCP	28 spokes/188 front/185/187 rear(D/ND)/3x	
Saddle	55196	Fisher Supersoft foam		
Seatpost		Steel	26.6 mm diameter	
Seat binder		M6 x 55		
Additional		Training wheels (64847/9), chainguard (64854/5), and pads (64852/3)		
Colors		Blue- boys		
		Pink- girls		
Frame sizes		11.5 B 11.5 G		
Handlebar width		540 540		
		53263		
Stem length		90 90		
		53552		
Crank length		140 140		
		51647		
Seatpost length		300 300		
		64838		
Steerer, mm		130 130		
Head angle		70.0		
Seat angle		74.0		
MM	Standover	702		
Seat tube				
Head tube		90		
Eff top tube		545		
Reach		614	-31	
Chainstays		430		
BB height		281		
Offset		40		
Trail		83		
Wheelbase		1027		
IN	Standover	27.6		
Seat tube				
Head tube		3.5		
Eff top tube		21.5		
Reach		24.2	-1.2	
Chainstays		16.9		
BB height		11.1		
Offset		1.6		
Trail		3.3		
Wheelbase		40.4		

Our Price: \$

CLEO MOTO

				44	
				16	55
Main tubes		High tensile steel			
Stays		High tensile steel			
Fork		High tensile steel			
Headset	62789	Dia-Compe SE-I Ahead	25.4/34.0/30.0, 37.0 mm stack		
Handlebars		Fisher Expert	25.4mm clamp diameter		
Stem		4 bolt BMX Ahead	25.4 mm insertion		
Grips	62691	Fisher logo			
Brakes	62710	Lee Chi 752A cantilever (rear)			
Brake levers	62693	Lee Chi 325A-1			
Crankset		One piece type, 2pc. spider and sprocket, 44T, 110 mm bolt hole circle			
Bottom bracket	62703	One-piece type	24 TPI		
Pedals	62708	LU-469	1/2" axle		
Cassette	62774	16T			
Chain	54006	KMC 410A, 1/2x1/8"	88L length		
Front wheel	62280				
Front hub		Steel, sealed			
Front tire	62777	Knobby blackwall	20 x 2.125		
Rear wheel	62281				
Rear hub		Steel, sealed	Threaded, 1 spd, nitted front and rear , 110 mm O.L.D.		
Rear tire	62776	Knobby blackwall	20 x 1.75		
Tubes		Schraeder valve			
Rims		Aluminum alloy			
Spokes		14G UCP	36 spokes/190 front/? rear(D/ND)/3x		
Saddle	62714	Fisher, padded			
Seatpost		Steel micro-adjust, chrome plated, 25.4 mm diameter			
Seat binder	62717	Alloy 2 bolt			
Additional					
Colors		Chrome			
		Matte Red			
Frame sizes		Beginner			
Handlebar width					
		62688			
Stem length		35			
		62691			
Crank length		170			
		62705			
Seatpost length		350			
		62791			
Steerer, mm		152			
Head angle		73.5			
Seat angle		71.0			
MM	Standover				
	Seat tube	203			
	Head tube	100			
	Eff top tube	476			
	Reach	510			
	Chainstays	368			
	BB height				
	Offset				
	Trail				
	Wheelbase	914			
IN	Standover				
	Seat tube	8.0			
	Head tube	3.9			
	Eff top tube	18.7			
	Reach	20.1			
	Chainstays	14.5			
	BB height				
	Offset				
	Trail				
	Wheelbase	36.0			

HARD WARP

Our Price: \$

Main tubes		HiTensile w/Cro-Moly seat tube	44
Stays		High tensile steel	16 55
Fork		Cro-Moly	
Headset		Dia-Compe SE-1 Aheadset	25.4/34.0/30.0, 24.5 mm stack
Handlebars		Fisher Expert	25.4mm clamp diameter
Stem		Alloy 4 bolt Ahead	30.0 mm steerer clamp height
Grips		Fisher logo, Kraton	
Brakes		Lee Chi PF-10 cantilever (rear)	
Brake levers		Lee Chi 325A-1	
Crankset		One piece type, 2pc. spider and sprocket, 44T, 110 mm bolt hole circle	
Bottom bracket		One-piece type	24 TPI
Pedals		LU-313	1/2" axle
Cassette		16T	
Chain		KMC 410A, 1/2x1/8"	88L length
Front wheel			
Front hub		Alloy, sealed	
Front tire		Knobby	20 x 2.125
Rear wheel			
Rear hub		Alloy, sealed	Threaded, 1 spd, nuttet front and rear , 110 mm O.L.D.
Rear tire		Knobby	20 x 1.75
Tubes		Schraeder valve	
Rims		Aluminum alloy	
Spokes		14G UCP	36 spokes/190 front/187/187 rear(D/ND)/3x
Saddle		Fisher, padded	
Seatpost		Steel micro-adjust, chrome plated, 25.4 mm diameter	
Seat binder		Alloy 2 bolt	
Additional		Chainguard	
Colors		Chrome	Matte Black
		Gloss Black	
		Expert	
Frame sizes			
Handlebar width			
Stem length		62687	
		35	
		62691	
Crank length		170	
		62704	
Seatpost length		350	
		62699	
Steerer, mm		152	
Head angle		73.5	
Seat angle		71.0	
MM	Standover		
	Seat tube	203	
	Head tube	100	
	Eff top tube	476	
	Reach	510	
	Chainstays	369	
	BB height		
	Offset		
	Trail		
	Wheelbase	890	
IN	Standover		
	Seat tube	8.0	
	Head tube	3.9	
	Eff top tube	18.7	
	Reach	20.1	
	Chainstays	14.5	
	BB height		
	Offset		
	Trail		
	Wheelbase	35.0	

DATA

LUSH RUSH TOOL



LUSH RUSH FUEL

Our Price: \$

Main tubes		7005 heat treated aluminum	44
Stays		7000 series aluminum	16 55
Fork		Cro-Moly	
Headset	62789	Dia-Compe SE-1 Aheadset 25.4/34.0/30.0, 24.5 mm stack	
Handlebars		Fisher Pro CroMoly 25.4mm clamp diameter	
Stem		Alloy 4 bolt Ahead 30.0 mm steerer clamp height	
Grips	62784	Fisher logo, Kraton w/replaceable endcaps	
Brakes	62710	Lee Chi 761A cantilever (rear)	
Brake levers	62693	Lee Chi 325A-1	
Crankset		One piece CroMoly, 2pc. spider and sprocket, 44T, 110 mm bolt hole circle	
Bottom bracket	62703	One-piece type 24 TPI	
Pedals	62684	LU-953 1/2" axle	
Cassette	62774	16T	
Chain	54006	KMC 410A, 1/2x1/8" 90L length	
Front wheel	62282		
Front hub		Alloy, sealed	
Front tire	62777	Knobby 20 x 2.125	
Rear wheel	62336		
Rear hub		Alloy, sealed Threaded, 1 spd, nuttred front and rear , 110 mm O.L.D.	
Rear tire	62776	Knobby 20 x 1.75	
Tubes		Schraeder valve	
Rims		Aluminum alloy	
Spokes		14G UCP 36 spokes/188 front/188/188 rear(D/ND)/3x	
Saddle	62714	Fisher, padded	
Seatpost		Steel micro-adjust, chrome plated, 26.8 mm diameter	
Seat binder	62716	Alloy 2 bolt	
Additional		Chainguard (62719)	
Colors		Ball Burnished	
		Matte Orange	
Frame sizes		Expert	
Handlebar width			
Stem length		62688	
		35	
Crank length		62691	
		175	
Seatpost length		62704	
		350	
Steerer, mm		62700	
Head angle		152	
Seat angle		73.5	
		71.0	
MM	Standover		
	Seat tube	229	
	Head tube	100	
	Eff top tube	546	
	Reach	580	
	Chainstays	420	
	BB height		
	Offset		
	Trail		
	Wheelbase	915	
IN	Standover		
	Seat tube	9.0	
	Head tube	3.9	
	Eff top tube	21.5	
	Reach	22.8	
	Chainstays	16.5	
	BB height		
	Offset		
	Trail		
	Wheelbase	36.0	

Our Price: \$

TRIGGER FISH BAKED

		7005 heat treated aluminum	44
		7000 series aluminum	16 55
Main tubes		Cro-Moly	
Stays		Dia-Compe SE-1 Aheadset	25.4/34.0/30.0, 24.5 mm stack
Fork		Fisher Pro CroMoly	25.4mm clamp diameter
Headset	62790	Alloy 4 bolt Ahead	30.0 mm steerer clamp height
Handlebars		Fisher logo, Kraton w/replaceable endcaps	
Stem	62784	Lee Chi PV97 V-brake (rear)	
Grips	62692	Lee Chi 316A	
Brakes	62711	One piece CroMoly, 2pc. spider and sprocket, 44T, 110 mm bolt hole circle	
Brake levers		One-piece type	24 TPI
Crankset	62703	LU-953	9/16" axle
Bottom bracket	62684	16T	
Pedals	62774	KMC 410A, 1/2x1/8"	90L length
Cassette	54006		
Chain	62335		
Front wheel		Alloy, sealed	
Front hub		Tioga Comp III skinwall	20 x 2.125
Front tire	62777		
Rear wheel	62336	Alloy, sealed	Threaded, 1 spd, nuttred front and rear , 110 mm O.L.D.
Rear hub		Tioga Comp III skinwall	20 x 1.75
Rear tire	62776	Schraeder valve	
Tubes		Aluminum alloy	
Rims		14G UCP	36 spokes/188 front/188/188 rear(D/ND)/3x
Spokes		Fisher padded, Kevlar corners	
Saddle	62714	CroMoly microadjust, chrome plated, 26.8 mm diameter	
Seatpost		Alloy 2 bolt	
Seat binder	62716	Chainguard (62719)	
Additional		Ball Burnished	
Colors			
Frame sizes		Pro	
Handlebar width			
Stem length	62688	35	
Crank length	62691	180	
Seatpost length	62704	350	
Steerer, mm	62700	152	
Head angle		73.5	
Seat angle		71.0	
MM			
Standover		229	
Seat tube		100	
Head tube		546	
Eff top tube		580	
Reach		394	
Chainstays			
BB height			
Offset			
Trail			
Wheelbase		915	
IN			
Standover		9.0	
Seat tube		3.9	
Head tube		21.5	
Eff top tube		22.8	
Reach		15.5	
Chainstays			
BB height			
Offset			
Trail			
Wheelbase		36.0	

Our Price: \$

44

PURE BENDER SPIN

				42
				18 47
Main tubes		HiTensile w/Cro-Moly seat tube		
Stays		High tensile steel		
Fork		High tensile steel		
Headset	62709	Steel w/Odyssey Gyro	21.2/32.5/27.0, 39.0 mm stack	
Handlebars		Fisher Freestyle	25.4mm clamp diameter	
Stem		Alloy 4 bolt	21.2 mm insertion	
Grips	62784	Fisher logo, Kraton w/replaceable endcaps		
Brakes	62787/8	Dia-Compe Bulldog		
Brake levers	62694	Chang Star 257A-1		
Crankset		One piece type, 42T		
Bottom bracket	62703	One-piece type	24 TPI	
Pedals	62708	LU-469	1/2" axle	
Cassette	62773	18T		
Chain	54006	KMC 410, 1/2x1/8"	90L length	
Front wheel	62287			
Front hub		Alloy fat body, sealed		
Front tire	62780	Freestyle	20 x 2.0	
Rear wheel	62288			
Rear hub		Alloy fat body, sealed	Threaded, 1 spd, nutted front and rear , 110 mm O.L.D.	
Rear tire	62780	Freestyle	20 x 2.0	
Tubes		Schraeder valve		
Rims		Aluminum alloy		
Spokes		14G UCP	48 spokes/183 front/183/182 rear(D/ND)/3x	
Saddle	62714	Fisher Freestyle		
Seatpost		Fisher, chrome plated	25.4 mm diameter	
Seat binder	62717	Alloy 2 bolt		
Additional		Odyssey Gyro rotor, chainguard (62719)		
Colors		Gloss Black		
Frame sizes				
Handlebar width				
Stem length	62689	35		
Crank length	62690	170		
Seatpost length	62705	400		
Steerer, mm	62701	144		
Head angle		75.0		
Seat angle		74.0		
MM	Standover			
	Seat tube	203		
	Head tube	100		
	Eff top tube	482		
	Reach	516		
	Chainstays	375		
	BB height			
	Offset			
	Trail			
	Wheelbase	926		
IN	Standover			
	Seat tube	8.0		
	Head tube	3.9		
	Eff top tube	19.0		
	Reach	20.3		
	Chainstays	14.8		
	BB height			
	Offset			
	Trail			
	Wheelbase	36.5		

PURE BENDER KICK

Our Price: \$

Main tubes		Cro-Moly		42
Stays		High tensile steel		18 47
Fork		Cro-Moly		
Headset		62709 Steel w/Odyssey Gyro	21.2/32.5/27.0, 39.0 mm stack	
Handlebars		Fisher Freestyle	25.4mm clamp diameter	
Stem		Alloy 4 bolt	21.2 mm insertion	
Grips		62784 Fisher logo, Kraton w/replaceable endcaps		
Brakes		62786/7 Dia-Compe 990/R, Bulldog/F		
Brake levers		62694 Chang Star 257A-1		
Crankset		One piece type, 42T		
Bottom bracket		62703 One-piece type	24 TPI	
Pedals		62707 LU-313	1/2" axle	
Cassette		62773 18T		
Chain		54006 KMC 410A, 1/2x1/8"	90L length	
Front wheel		62287		
Front hub		Alloy fat body, sealed		
Front tire		62780 Freestyle	20" x 2.0	
Rear wheel		62288		
Rear hub		Alloy fat body, sealed	Threaded, 1 spd, nuttred front and rear , 110 mm O.L.D.	
Rear tire		62780 Freestyle	20" x 2.0	
Tubes		Schraeder valve		
Rims		Aluminum alloy		
Spokes		14G UCP	48 spokes/183 front/183/182 rear(D/ND)/3x	
Saddle		62714 Fisher Freestyle		
Seatpost		Fisher, chrome plated	25.4 mm diameter	
Seat binder		62717 Alloy 2 bolt		
Additional		Chainguard (62719)		
Colors		Bright Red		
Frame sizes				
Handlebar width				
Stem length		62689		
Crank length		35		
Seatpost length		62690		
Steerer, mm		175		
Head angle		62704		
Seat angle		400		
Standover		62701		
Seat tube		144		
Head tube		75.0		
Eff top tube		74.0		
Reach				
Chainstays				
BB height				
Offset				
Trail				
Wheelbase		926		
Standover				
Seat tube		8.0		
Head tube		3.9		
Eff top tube		19.0		
Reach		20.3		
Chainstays		14.8		
BB height				
Offset				
Trail				
Wheelbase		36.5		

Our Price: \$

QUICK PIERCE

					44
					18 49
Main tubes		Cro-Moly			
Stays		Cro-Moly			
Fork		Cro-Moly			
Headset	62789	Dia-Compe SE-1 Aheadset	25.4/34.0/30.0, 24.5 mm stack		
Handlebars		Fisher Pro, CroMoly	25.4mm clamp diameter		
Stem		Alloy 4 bolt Ahead	30.0 mm steerer clamp height		
Grips	62784	Fisher logo, Kraton w/replaceable endcaps			
Brakes	62710	Lee Chi 761A			
Brake levers	62693	Lee Chi 316A			
Crankset		One piece CroMoly, 2pc. spider and sprocket, 44T, 110 mm bolt hole circle			
Bottom bracket	62703	One-piece type	24 TPI		
Pedals	62707	LU-313	1/2" axle		
Cassette	62774	16T			
Chain	54006	KMC 410A, 1/2x1/8"	90L length		
Front wheel	62291				
Front hub		Alloy			
Front tire	62777	Knobby	20" x 2.125		
Rear wheel	62292				
Rear hub		Alloy	Threaded, 1 spd, nutted front and rear , 110 mm O.L.D.		
Rear tire	62776	Knobby	20" x 1.75		
Tubes		Schraeder valve			
Rims		Aluminum alloy			
Spokes		14G UCP	48 spokes/183 front/183/182 rear(D/ND)/3x		
Saddle	62696	Fisher Thrasher			
Seatpost		CroMoly microadjust, chrome plated, 25.4 mm diameter			
Seat binder	62717	Alloy 2 bolt			
Additional		Fishbone UFO Rotor, chainguard (62719)			
Colors		Dirty Mustard			
Frame sizes		Pro-XL			
Handlebar width					
Stem length		62688			
		35			
Crank length		62691			
		175			
Seatpost length		62704			
		400			
Steerer, mm		62791			
Head angle		152			
Seat angle		75.0			
		74.0			
MM	Standover				
	Seat tube	203			
	Head tube	100			
	Eff top tube	482			
	Reach	516			
	Chainstays	375			
	BB height				
	Offset				
	Trail				
	Wheelbase	876			
IN	Standover				
	Seat tube	8.0			
	Head tube	3.9			
	Eff top tube	19.0			
	Reach	20.3			
	Chainstays	14.8			
	BB height				
	Offset				
	Trail				
	Wheelbase	34.5			

