



MARQUE > Representing the newest breed of all-mountain/trail bikes the Marque is lightweight and tough. Ideally suited for the rider who requires more travel than offered by typical XC bikes but who wants efficient pedaling and climbing characteristics. With over 5" (130mm) of high-quality travel, the Marque quite simply out-climbs and out-descends anything else in its class. As with all Corsair models, this frame features an adjustable headtube angle, and replaceable Maxle rear drop-outs.

Adjustable Headtube Angle > The Marque is shipped with a zero-degree headset that results in a headtube angle of 67 degrees when using a 510mm fork with 130mm of travel. For riders that love to fine tune their ride, our optional 1-degree headset allows the headtube angle to be increased to 68 degrees, or decreased to 66 degrees. The 1-degree headset is also helpful when using a fork that differs from the recommended axle-to-crown measurement.

Center Balance > The pivot point on the Marque is in a mid-high position located behind the bottom bracket. By positioning the pivot in line with or behind the bottom bracket, Center Balance helps alleviate the heavy feel that can be associated with a forward pivot location. Corsair bikes have a lighter, more maneuverable front end and ride-feel because of the center balance design. This characteristic is mandatory for successful slopestyle athletes.

Center of Gravity > Low center of gravity results in a more maneuverable bike. The Marque's swingarm pivots are located close to the bottom bracket and the rear shock is located low and close to the bottom bracket. This shock placement is a key in achieving the Marque's low center of gravity.

Low Leverage Ratio > While many bikes are developed around suspension systems that result in leverage ratios of approximately 3:1, the low 2:1 stroke ratio (5" (130mm) of rear wheel travel and 2.5" (65mm) of shock stroke) utilized by the Marque, results in a number of benefits: First, longer and lower stroke ratio shocks have a larger environment in which to do their work, resulting in less stress on the shock itself, leading to a more durable and longer lasting piece of equipment. Second, longer stroke shocks offer a greater range of adjustability. Finally, lower spring rates result in more sensitive shock reaction.

Rear Suspension Design > The Marque features a single pivot rear suspension design. Designed for serious pedaling, the Marque includes a full length seat tube which allows for full saddle height



adjustability. The bike's 9.5" x 2.5" (240x65mm) rear shock is actuated by an innovative rocker link that pivots around the bottom bracket shell. Finally, the Marque's mid-high rearward mounted swingarm means that the overall swingarm length is short – resulting in optimal lateral stiffness and a lightweight swingarm, both of which contribute to high quality suspension performance.

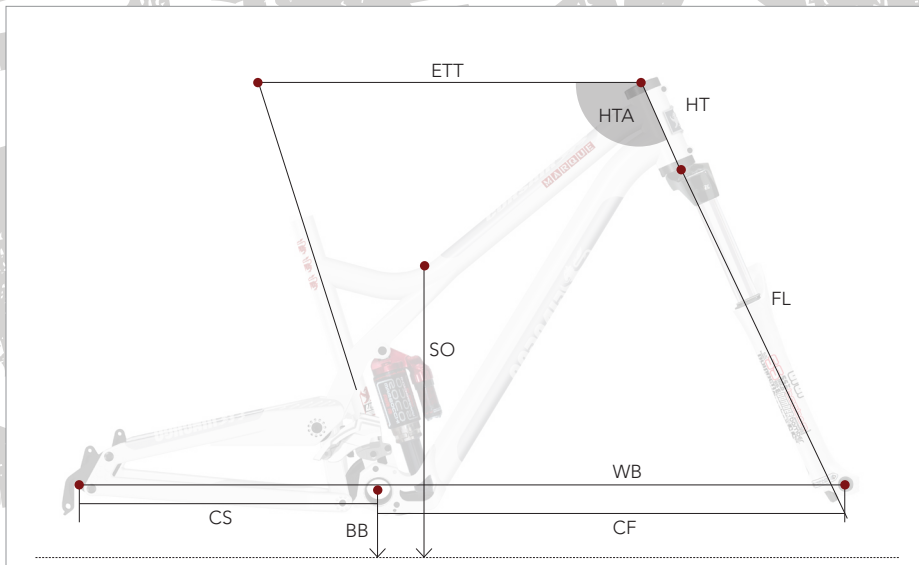
Axle Path > The Marque's axle path has been carefully considered in order to produce maximum suspension performance. Specifically, a high rearward pivot location is used to achieve a rearward axle path. The greater the rearward movement of the axle, the more efficient the design becomes at transferring energy to the rear shock rather than the frame. By combining this pivot placement with our idler pulley system, the Marque's axle path offers high quality suspension movement and energy management while providing for efficient pedaling.

Pedaling Efficiency > Pedaling efficiency is a challenge facing every long-travel bicycle design. The Marque utilizes a swingarm-mounted idler pulley to neutralize chain-growth and reduce pedal feedback in all three chainrings. This pulley position that creates a very slight stiffening of the rear swingarm while pedaling – a functionality often referred to as "anti-squat" – which results in a more efficient and responsive pedal feel. The idler pulley system's effect on chain growth is notable - 5mm of chainpull at 130mm travel is a very low number, better than many short travel XC bikes (not to mention other 5" trailbike designs). The Marque's idler pulley system supports the use of a front derailleur and offers the ability to use one, two or three chainrings.

Serviceability > The Marque's rear swingarm is attached to the main frame using our washerless SureLock axle system which prevents the hard anodized 7075 aluminum axle from loosening. When it comes time for service, this simple system is among the easiest high-performance bikes to service and maintain.

Fit, Finish & Attention to Detail > As with all Corsair bikes, great time and effort have gone into ensuring that the smallest details are treated with the greatest degree of importance. The Marque's hardware is recessed into the frame - this creates smooth, clean lines and durable mechanical connections. Our M8 shock mounting bolts use our proprietary design to ensure rattle-free rear shock performance. Corsair's custom-designed, interchangeable dropouts (Maxle or Q.R. compatible options), make our frames more versatile, and finally, our 12-step painting process (which includes a special extra-durable clear coat) creates a long lasting, high quality finish.





CORSAIR MARQUE: ALL MOUNTAIN		SMALL		MEDIUM		LARGE	
		mm	in	mm	in	mm	in
ST	SEAT TUBE LENGTH (C-T)	411	16.2	411	16.2	482	19.0
STA	SEAT TUBE ANGLE	73.5°					
OD	SEAT TUBE OD	34.9	1-3/8	34.9	1-3/8	34.9	1-3/8
ID	SEAT TUBE ID	30.9 MM					
ETT	EFFECTIVE TOP TUBE (C-C)	560	22	580	22.8	600	23.6
HT	HEAD TUBE LENGTH	110	4.3	110	4.3	110	4.3
HTA	HEAD TUBE ANGLE	67° (OPTIONAL +/- 1° HEADSET)					
SO	STAND OVER	673	26.5	673	26.5	673	26.5
CS	CHAIN STAY LENGTH (C-C)	431	17.0	431	17.0	431	17.0
WB	WHEELBASE (C-C)	1107	43.6	1127	44.4	1147	45.2
CF	CENTER TO FRONT (C-C)	676	26.7	696	27.4	716	28.2
DROP	BOTTOM BRACKET DROP	12	0.5	12	0.5	12	.5
BB	BOTTOM BRACKET HEIGHT	331	13	331	13	331	13
W	BOTTOM BRACKET WIDTH	73 MM					
EE	REAR SHOCK (E-E)	215.9	8.5	215.9	8.5	215.9	8.5
RSW	REAR SHOCK MOUNT WIDTH	M8 X 22.2 MM					
RS	REAR SHOCK STROKE	65	2.5	65	2.5	65	2.5
RT	REAR SUSPENSION TRAVEL	130	5.1	130	5.1	130	5.1
OLD	REAR AXLE WIDTH	135 MM					
FL	SUGGESTED FORK LENGTH	510	20.1	510	20.1	510	20.1
FT	FRONT SUSPENSION TRAVEL	130	5.1	130	5.1	130	5.1

Five-Star Build >

Availability: Winter 2008

Frame: Custom formed and shaped 6061 Aluminum Tubing, mid-high single pivot swingarm, adjustable headtube angle, replaceable Maxle rear drop-outs

Rear Shock: Manitou Revox 10.5" x 3.5" w/ 22.0mm x 8mm hardware

Fork: Marzocchi 66 ATA, 1 1/8" alloy steerer

Headset: Corsair Inside Design with 0 degree adjustment for 1 1/8" steerer

Stem: Funn Rippa Stem, 45mm x 31.8mm

Handlebars: Corsair 7050 Triple Butted - 710mm x 31.8 x 30mm rise

Grips: Funn Gorilla Lock-on grips

Brakes: Avid Code w/ 185mm rotors

Front Derailleur: Shimano XT, (M760-E), bolted to frame

Rear Derailleur: SRAM X-9 Long Cage

Shifters: SRAM X-9 Trigger Shifter (Front and Rear)

Cassette: SRAM PG-970 - 11-34T nine speed

Chain: SRAM PC-951 w/ PowerLink

Crankset: Race Face Diabolis - 175mm arms

Chainrings: 24/36T Chainrings w/ Bashring

Chainguide: Black Spire Stinger

Bottom Bracket: Race Face X-Type - 83mm

Pedals: Corsair Inside Design Low Profile flat pedals

Wheels: Corsair Inside Design Go Big wheelset

Front Hub: Corsair Cartridge bearing (2) 110 x 20mm Thru Axle - 32H

Rear Hub: Corsair Cartridge bearing (4) 150mm x 12mm Thru Axle - 32H

Spokes: Stainless 2.2- 2.0 Black Single Butted Stainless w/ silver AtomLab alloy nipples

Rims: Corsair Cold Worked and Heat Treated - 32mm wide x 32H

Tires: Kenda Nevegal - 26x2.5"

Tubes: Kenda DH inner tubes

Saddle: Corsair Inside Design w/ 7mm Chromoly rails

Seatpost: Syncros 30.9mm

Seat QR: Corsair - 34.9mm

Corsair Marque is available as a frame only, or as a complete bike.

Specifications subject to change without notice.

