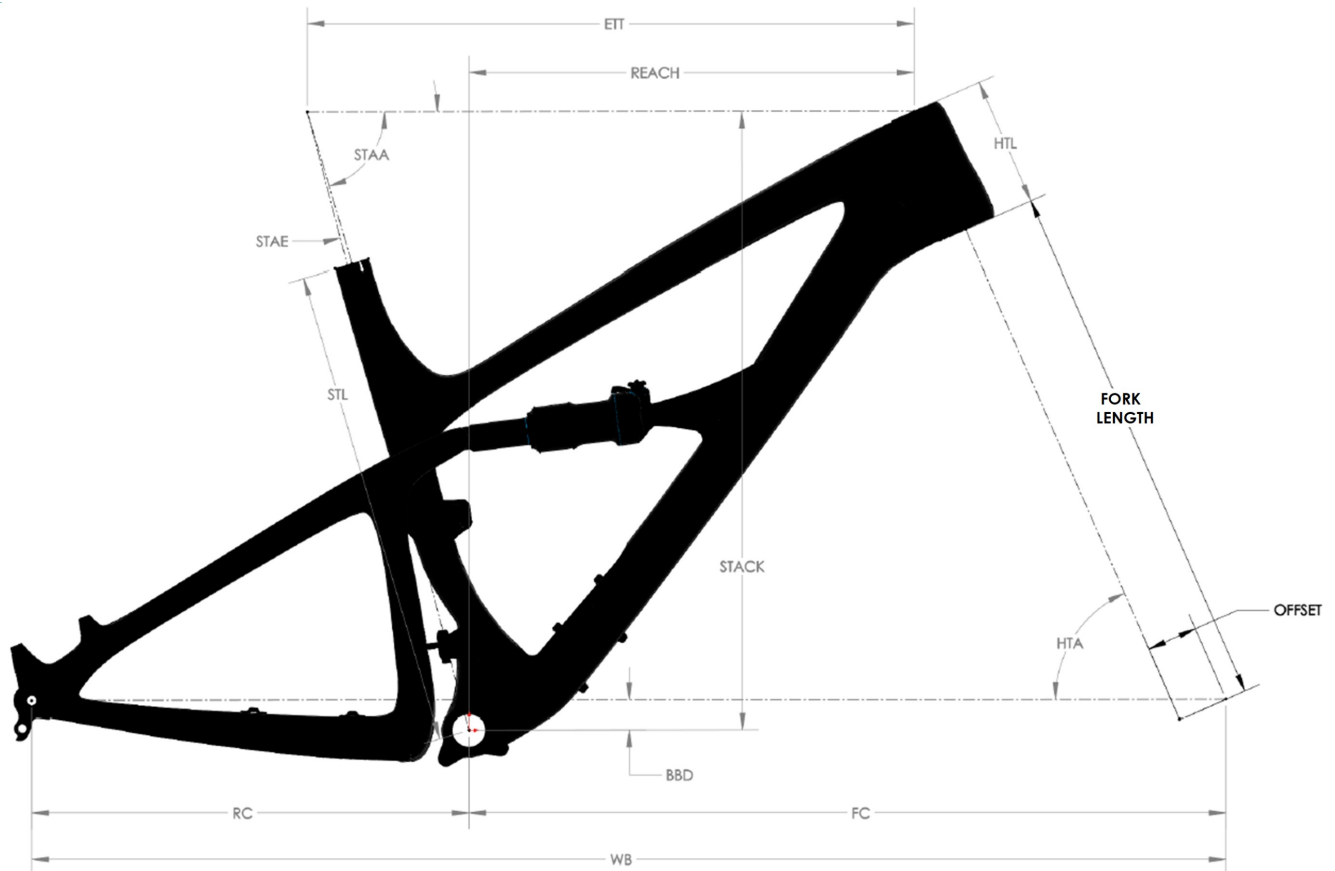


**Spot Model****Mayhem 130 2017-2020 Frame**

<b>Interface</b>	<b>Dimensions/Standard</b>
Headset	ZS44 Upper, ZS56 Lower
Bottom Bracket	BSA Threaded, 73mm
Seat Post	31.6
Rear Hub	148 X 12
Rear Derailleur Hanger	Conventional Hanger, MTB Standard
Crankset	1X. +3mm chainline offset required for 148 rear axle
Shock	200 X 57, Ø8X20 front, Ø8X40 rear
Rear Brake Caliper	160mm Post Mount
Rear Brake Rotor	160mm, 180mm
Chain Guide	ISCG-05
Water Bottle	1X 22oz in front triangle, 1X 26oz under down tube
<b>Cable Routing</b>	
Rear Derailleur	Internal in down tube, internal in DS chainstay
Rear Brake	External on down tube, external beneath NDS chainstay
Seatpost	Internal in down tube, internal in seat tube
Tire Clearance	29 X 2.35 (622 X 58), 27.5 X 2.8 (584 X 71)
Recommended Fork Travel	130, 140
Rear Wheel Travel	130

# SPOT MAYHEM (509, 130) 2017-2020

## GEOMETRY



## MEASUREMENT KEY

**STL: SEAT TUBE LENGTH**

**ETT: EFFECTIVE TOP TUBE LENGTH**

**HTL: HEAD TUBE LENGTH**

**HTA: HEAD TUBE ANGLE**

**STAE: EFFECTIVE SEAT TUBE ANGLE**

**STAA: ACTUAL SEAT TUBE ANGLE**

**WB: WHEEL BASE**

**STO: STANDOVER HEIGHT**

**BBD: BOTTOM BRACKET DROP**

**BBH: BOTTOM BRACKET HEIGHT**

**RC: REAR CENTER LENGTH**

**FC: FRONT CENTER LENGTH**

**REACH: HORIZONTAL FROM BB TO HEAD TUBE TOP**

**STACK: VERTICAL FROM BB TO HEAD TUBE TOP**

Spot Mayhem 2017-2020 (inc. 509 and 130) 29 140mm Fork 44mm Offset

Frame Size	S		M		L		XL	
	mm	in	mm	in	mm	in	mm	in
Reach	401	15.8	424	16.7	448	17.6	470	18.5
Stack	606	23.9	617	24.3	625	24.6	634	25.0
Effective Top Tube	561	22.1	586	23.1	612	24.1	638	25.1
Seat Tube Length	381	15.0	432	17.0	483	19.0	533	21.0
Head Tube Length	110	4.3	120	4.7	130	5.1	140	5.5
Head Tube Angle (°)	66.1		66.1		66.1		66.1	
Seat Tube Angle Effective (°)	75.1		75.1		75.1		75.1	
Seat Tube Angle Actual (°)	73.3		73.3		73.3		75.1	
Bottom Bracket Drop	25.5	1.0	25.5	1.0	25.5	1.0	25.5	1.0
Bottom Bracket Height	349	13.7	349	13.7	349	13.7	349	13.7
Rear Center	440	17.3	440	17.3	440	17.3	448	17.6
Front Center	705	27.8	732	28.8	760	29.9	788	31.0
Wheel Base	1145	45.1	1172	46.1	1200	47.2	1236	48.7
Standover	708	27.9	712	28.0	719	28.3	725	28.5
Fork Length	547	21.5	547	21.5	547	21.5	547	21.5
Fork Offset	44	1.7	44	1.7	44	1.7	44	1.7
Max Tire Front	75	3.0						
Max Tire Rear	71	2.80						