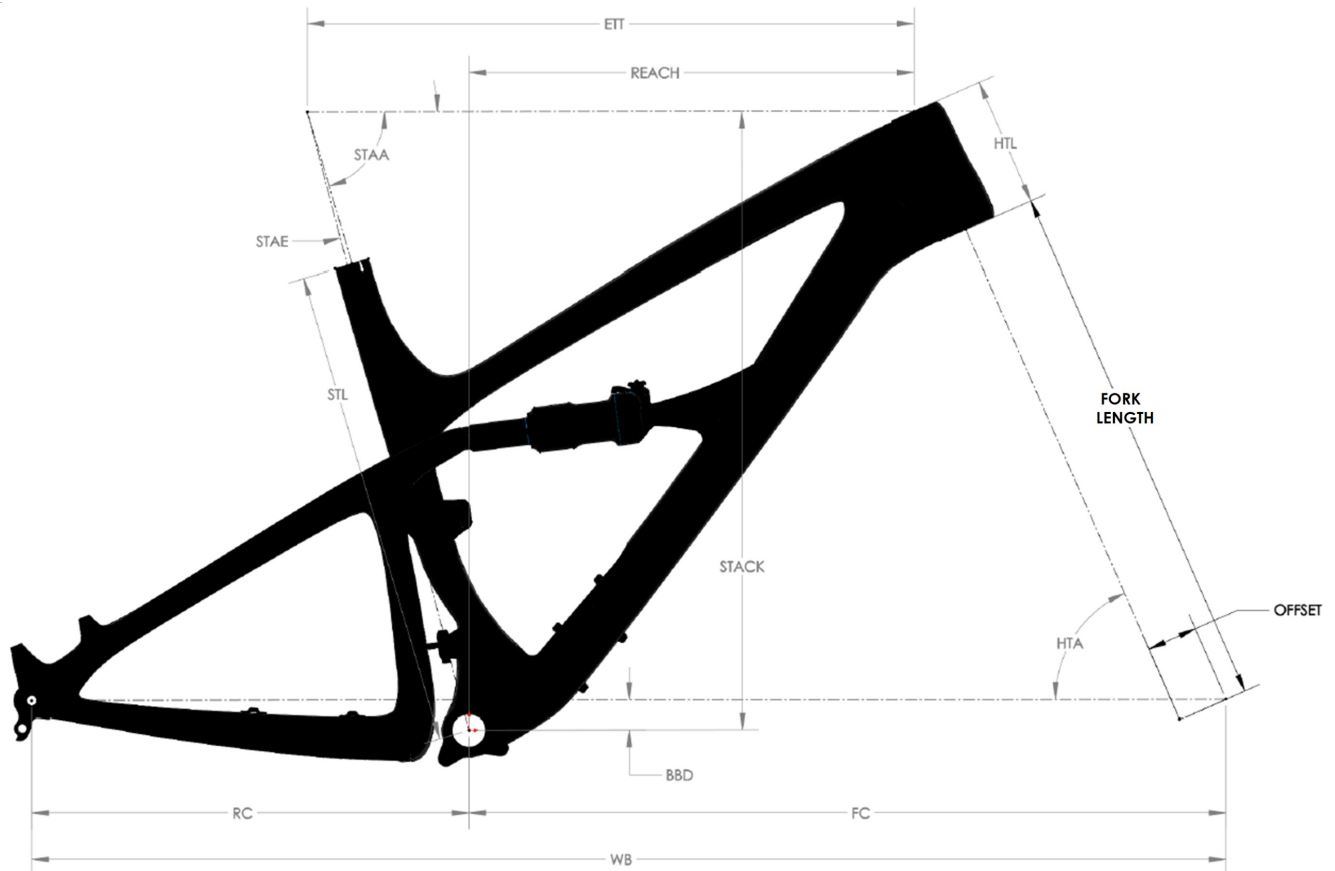


**Spot Model****Mayhem 130 2017-2020 Frame**

<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) 27.5 140mm Fork / 130mm Fork with Headset Spacer 51mm 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	603	23.7	613	24.1	622	24.5	631	24.8
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 (°)	66.2		66.2		66.2		66.2	
Seat Tube Angle Effective (°)	75.2		75.2		75.2		75.2	
Seat Tube Angle Actual (°)	73.4		73.4		73.4		75.2	
Bottom Bracket Drop	26.5	1.0	26.5	1.0	26.5	1.0	26.5	1.0
Bottom Bracket Height	339	13.3	339	13.3	339	13.3	399	15.7
Rear Center	440	17.3	440	17.3	440	17.3	448	17.6
Front Center	711	28.0	738	29.1	766	30.2	792	31.2
Wheel Base	1151	45.3	1178	46.4	1206	47.5	1240	48.8
Standover	698	27.5	702	27.6	710	28.0	715	28.1
Fork Length	547	21.5	547	21.5	547	21.5	547	21.5
Fork Offset	51	2.0	51	2.0	51	2.0	51	2.0
Max Tire Front	75	3.0						
Max Tire Rear	71	2.80						