

ZIN REPORT: ANDREW ZIN1

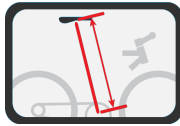
2017, 54 - Cannondale , super 6 (Road)

Notes:

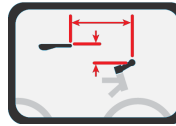
COMPONENTS

STEM	SPACER STACK	CRANK LENGTH	PEDALS	SADDLE	BARS	SHOES
6 ° x 100 mm	57 mm	172.5 mm	flat		cannondale alloy	

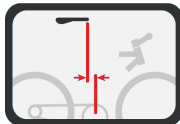
MEASUREMENTS & ANGLES



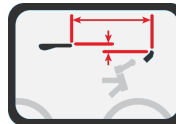
Saddle Height: 738 mm
BB to center of saddle profile



Handlebar Reach: 502 mm
tip of saddle horiz to bar top
Handlebar Drop: -31 mm
cen of saddle profile to bar top grip, - denotes bar below saddle



Saddle Setback: -49 mm
BB horiz to front tip of saddle grip, - denotes saddle behind BB



Grip Reach: 618 mm
tip of saddle horiz to trough of grip
Grip Drop: -7 mm
cen of saddle to trough of grip, - denotes grip lower



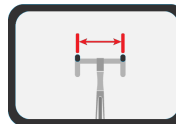
Saddle Angle: 0 °
angle of saddle to horizon grip, - denotes nose down



Bar Reach: 55 mm
center of bar to back end of grip



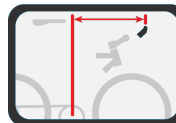
Eff. Seat Tube Angle: 74 °
BB to center of saddle profile



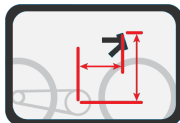
Grip Width: 420 mm
grip center to center



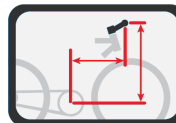
Grip Angle: 26 °
angle to horizon + denotes front end up



BB to Grip Reach: 569 mm
BB to trough of grip



Frame Stack: 555 mm
Frame Reach: 387 mm
BB to center of headtube top



Handlebar Stack: 664 mm
Handlebar Reach: 453 mm
BB to center of bar

THIS BIKE FIT PERFORMED USING THE **RETÜL** SYSTEM



BICYCLE MEASUREMENT DEFINITIONS

KEY	DESCRIPTION/DEFINITION	KEY	DESCRIPTION/DEFINITION
Common Bike Definitions (used on all reports)			
	<p>Frame Stack and Reach The horizontal and vertical distance from the center of the bottom bracket to the center of the top of the headtube.</p>		<p>Handlebar Stack & Reach The horizontal and vertical distance from the center of the bottom bracket to the center of the handlebar.</p>
	<p>Handlebar Reach The horizontal distance from the front tip of the saddle to the center of the handlebar.</p> <p>Handlebar Drop The vertical distance from the center point of the saddle profile to the top of the handlebar. A negative value signifies the handlebar being lower than the saddle.</p>		<p>Effective Seat Tube Angle The angle between horizontal and the saddle height axis defined in saddle height.</p>
	<p>Saddle Height The distance from the center of the bottom bracket to the horizontal midpoint of the saddle profile.</p>		<p>Saddle Setback The horizontal distance from the front tip of the saddle to the center of the bottom bracket. A negative value signifies the saddle being rearward of the bottom bracket.</p>
	<p>Saddle Angle The angle between horizontal and the line tangent to the top of the saddle. A negative value signifies the nose of the saddle being lower than the rear of the saddle.</p>		
Road Bike Definitions (used on road reports)			
	<p>BB to Grip Reach The horizontal distance from the center of the bottom bracket to the trough of the grip.</p>		<p>Grip Reach The horizontal distance from the front tip of the saddle to the trough of the grip.</p> <p>Grip Drop The vertical distance from the center point of the saddle profile to the trough of the grip. A negative value signifies the grip being lower than the saddle.</p>
	<p>Grip Angle The angle between horizontal and the flat segment of the grip. A positive value signifies the front of the grip being higher than the rear.</p>		<p>Bar Reach The horizontal distance from the top of the handlebar to the rearmost point of the grip.</p>





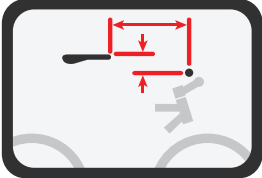
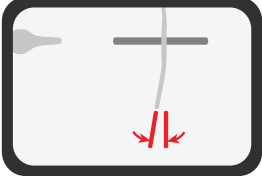
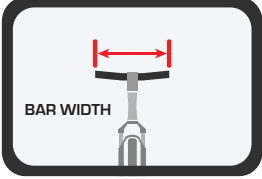


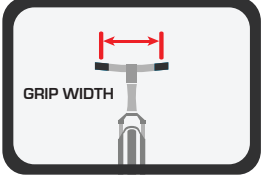
BICYCLE MEASUREMENT DEFINITIONS

KEY	DESCRIPTION/DEFINITION	KEY	DESCRIPTION/DEFINITION
<p>GRIP WIDTH</p>	<p>Grip Width The 3D distance between the midpoints of the grip contours if both grips traced. Otherwise, two times the distance perpendicular from the plane of the bike to the midpoint of the single traced grip contour.</p>		
Tri Bike Definitions (used on tri/tt reports)			
	<p>Arm Pad Stack BB The vertical distance from the center of the bottom bracket to the top of the arm pad.</p>		<p>Arm Pad Reach BB The horizontal distance from the center of the bottom bracket to the back of the arm pad.</p>
	<p>BB to Grip Reach The horizontal distance from the center of the bottom bracket to the frontmost point of the grip.</p>		<p>Arm Pad Reach The horizontal distance from the front tip of the saddle to the back of the arm pad.</p>
	<p>Grip Reach The horizontal distance from the front tip of the saddle to the frontmost point of the grip.</p>		<p>Arm Pad Drop The vertical distance from the center point of the saddle profile to the top of the arm pad. A negative value signifies the arm pad being lower than the saddle.</p>
	<p>Grip Drop The vertical distance from the center point of the saddle profile to the frontmost point of the grip. A negative value signifies the grip being lower than the saddle.</p>		<p>Grip Angle The angle between horizontal and the best fit line to the traced grip contour. A positive value signifies the front of the grip being higher than the rear.</p>
	<p>Arm Pad to Grip Reach The horizontal distance from the back of the arm pad to the frontmost point of the grip.</p>	<p>ARMPAD WIDTH</p>	<p>Arm Pad Width The 3D distance between the midpoints of the arm pad contours if both arm pads traced. Otherwise, two times the distance perpendicular from the plane of the bike to the midpoint of the single traced arm pad contour.</p>
<p>GRIP WIDTH</p>	<p>Grip Width The 3D distance between the midpoints of the grip contours if both grips traced. Otherwise, two times the distance perpendicular from the plane of the bike to the midpoint of the single traced grip contour.</p>		





BICYCLE MEASUREMENT DEFINITIONS

KEY	DESCRIPTION/DEFINITION	KEY	DESCRIPTION/DEFINITION
Mountain Bike Definitions (used on mountain reports)			
   	<p>Grip Reach The horizontal distance from the front tip of the saddle to the midpoint of the grip contour.</p> <p>Grip Drop The vertical distance from the center point of the saddle profile to the midpoint of the grip contour. A negative value signifies the grip being lower than the saddle.</p> <p>Bar Sweep Angle The top view angle between the handlebar clamp axis and the line from the center of the handlebar to the midpoint of the grip contour.</p> <p>Bar Width The 3D distance between the widest endpoints of the grip contours if both grips traced. Otherwise, two times the distance perpendicular from the plane of the bike to the widest endpoint of the single traced grip contour.</p>	 	<p>Bar Rise The vertical distance from the top of the handlebar to the midpoint of the grip contour.</p> <p>Grip Width The 3D distance between the midpoints of the grip contours if both grips traced. Otherwise, two times the distance perpendicular from the plane of the bike to the midpoint of the single traced grip contour.</p>

