



RETÜL

Time Trial Bicycle Setup Report Definitions

KEY	DESCRIPTION & DEFINITION	KEY	DESCRIPTION & DEFINITION
	Saddle Height The distance from the center of the bottom bracket to the horizontal midpoint of the saddle profile.		Handlebar Reach The horizontal distance from the front tip of the saddle to the top of the handlebar. Handlebar Drop The vertical distance from the center point of the saddle profile to the top of the handlebar.*
	Saddle Setback The horizontal distance from the front tip of the saddle to the center of the bottom bracket.**		Arm Pad Reach The horizontal distance from the front tip of the saddle to the back of the arm pad. Arm Pad Drop The vertical distance from the center point of the saddle profile to the top of the aero pad.***
	Saddle Angle The angle between horizontal and the line tangent to the top of the saddle.****		Grip Reach The horizontal distance from the front tip of the saddle to the frontmost point of the grip. Grip Drop The vertical distance from the center point of the saddle profile to the frontmost point of the grip.***
	Effective Seat Tube Angle The angle between horizontal and the saddle height axis defined above.		Arm Pad to Grip Reach The horizontal distance from the back of the arm pad to the frontmost point of the grip.
	Grip Angle The angle between horizontal and the best fit line to the traced grip contour.*****		BB to Grip Reach The horizontal distance from the center of the bottom bracket to the frontmost point of the grip.
	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.		Arm Pad Width The 3D distance between the midpoints of the arm pad contours if both grips traced. Otherwise, two times the distance perpendicular from the plane of the bike to the midpoint of the single traced arm pad contour.
	Frame Stack & Frame Reach The horizontal and vertical distance from the center of the bottom bracket to the center of the top of the headtube.		Handlebar Stack & Handlebar Reach The horizontal and vertical distance from the center of the bottom bracket to the center of the handlebar.

- * A negative value signifies the handlebar being lower than the saddle.
- ** A negative value signifies the saddle being rearward of the bottom bracket.
- *** A negative value signifies the arm pad or grip being lower than the saddle.
- **** A negative value signifies the nose of the saddle being lower than the seat of the saddle.
- ***** A negative value signifies the front of the grip being lower than the rear.

Unless specified, all measurements are in the plane of the bike.

