

## OTHER RESOURCES

Downloads: <https://www.veloangle.com/downloads/>Instructional Videos: <https://www.veloangle.com/blog/category/usage-tips/>

## VeloAngle Application Tree

## Handlebars with Round Clamp Diameter

## TT Bikes and Others with AeroBars

## Used With Standard BB Centers

**(A)** Strap the Saddle Adapter Assembly to the saddle with the Saddle Adapter positioned along the saddle at the desired reference point.

**(B)** Slide VeloAngle onto Saddle Adapter pin with VeloAngle's Sliding Adapter extended in the "Saddle" position.

**(C)** Draw the opposite end of VeloAngle to the BB and locate it by engaging the BB center with a feature on the crank centerline.

Record BB-to-Saddle length and angle.

**(D)** Remove VeloAngle from Saddle Adapter, retract the Sliding Adapter to "Handlebar" position and insert the Handlebar Adapter.

**(E)** Strap the Handlebar Adapter to the handlebar clamp diameter, draw VeloAngle to the BB and locate it by engaging the BB center with a feature on the crank centerline, as in (C).

Record BB-to-Handlebar Center length and angle.

## Used With Fixed Pin BB Adapters

Install the appropriate BB Adapter.

**(F)** Slide VeloAngle onto the BB adapter pin, draw the opposite end up near the saddle and insert the Saddle Adapter Assembly with VeloAngle's Sliding Adapter extended in the "Saddle" Position.

As in (A), position the Saddle Adapter along the saddle at the desired reference point. Because the fixed pin adapter orients VeloAngle, strapping the Saddle Adapter to the saddle is not required.

Record BB-to-Saddle length and angle.

Remove the Saddle Adapter Assembly. Retract VeloAngle's Sliding Adapter to "Handlebar" position and insert the Handlebar Adapter.

**(G)** Rotate VeloAngle so that the Handlebar Adapter can engage the clamp diameter. Again strapping the Handlebar Adapter is not required.

Record BB-to-Handlebar center length and angle.

## Used With Standard BB Centers and Saddle/Handlebar Adapter

**(A)** Strap the Saddle Adapter Assembly to the saddle with the Saddle Adapter positioned along the saddle at the desired reference point.

**(B)** Slide VeloAngle onto Saddle Adapter pin with VeloAngle's Sliding Adapter extended in the "Saddle" position.

**(C)** Draw the opposite end of VeloAngle to the BB and locate it by engaging the BB center with a feature on the crank centerline.

Record BB-to-Saddle length and angle.

Remove VeloAngle from the Saddle Adapter and retract the Sliding Adapter to the "Handlebar" position.

**(H)** Re-insert VeloAngle onto the Saddle Adapter through the Sliding Adapter's elongated hole. VeloAngle can also be inserted upside down (points up), as shown in (J).

**(I)** Extend VeloAngle to lie over handlebars and insert the Saddle-Handlebar Adapter into either side of VeloAngle's BB Housing.

**(J)** Measure and record handlebar and other cockpit measurements. Calipers are provided to measure the thickness of handlebars at the measurement location so the BB-to-Handlebar Center calculation can be made in the VeloAngle App.

## Used With Fixed Pin BB Adapters

*Because cockpit measurements are made with the Saddle-Handlebar Adapter from the saddle, use of fixed-Pin BB adapters when taking measurements is not beneficial. However, with their use VeloAngle can be secured to both the BB and saddle reference (via strapped Saddle Adapter). This allows saddle height, setback and tilt to be set to a desired location in a single step, eliminating the usual adjust-then-check iterations.*

