



## ***Alignment Multi-Tool***

*Designed and Printed in The USA!*

### **INSTRUCTIONS**

*(Please read all instructions before beginning the installation)*

#### **Parts included:**

- 2- 3d Printed Measurement Sliders
- 2- #8-32 x 1/2" Set Screws
- 2- #8-32 Wing-Nut Screws

#### **General Notes:**

This tool was developed originally to aid in the process of aligning a Harley-Davidson swingarm. This is done by measuring the distance between the shock mounting points between the body and the frame on each side of the bike with the bike standing vertical.

Other uses of this tool include: Checking distance between the upper and fork trees for parallelism. Checking the fork Passthrough, in relation to the top triple tree, and many other measurement checks and or transfers. The distance between hash marks is 1/16".

There are two threaded holes in each of the sliders. If one happens to get damaged for any reason the other can be used.

There are two different methods of making the sliders stationary for a measurement: the wingnut for ease of changing, and a set screw for a more permanent location. Typically we would have one of each in each slider and use one with the wing-nut only.

**\*The wing-nut should only be tightened until it is secure and no longer moves. Overtightening may cause damage.**

[Check the tool out in action by scanning the link below:](#)

