



## Backspace/Offset Gauge #999510

### Components:

- (2) Slotted Long Tubes
- (2) Slotted Short Tubes
- (1) Slide Bar
- (1) Slide Body
- (1) Scale
- (1) 1/4-20 Threaded Knob w/ Nylon Tip
- (2) 1/4-20 Threaded Knobs
- (2) 10-32 x 1/2" Flat Head Cap Screws

### Required Tools:

- 1/8" Allen Wrench

### Assembly:

- When removing your new backspace/offset gauge from its packaging you will notice that the scale is already placed in the slide body. These parts will need to be separated.

- The first step is to attach the slide bar to the slide body using the two supplied 10-32 Cap Screws.

- Following the slide body assembly, the slotted tubes are to be installed.

**Note: The threaded holes on the slide body must be visible when the slotted tubes are slid onto the bar.**

- Either length of slotted tubes may be used and changed at any point to reach the diameter of wheel being measured.

- The slotted bars are held on with the supplied 1/4-20 Threaded Studs.

**Note: DO NOT use the threaded knob with the nylon tip for this step.**

- The final piece of the assembly is to install the Scale into the Slide Body. This is to be installed with the Billet Specialties Logo nearest the 4.0 marking on the Slide Body. The threaded knob is used to lock the scale in position wherever desired and during measurement process.

- Gauge is now ready to use!

### Using the Backspace/Offset Gauge:

- Loosen Threaded Knobs on slotted bars slightly to allow movement. This section will need to sit on the backside of the rim so ensure that the tool spans the entire diameter of your wheel. If not, install longer slotted tubes to fit your needs.

- Once the gauge is placed on the backside of the rim, the threaded knob on the backside of the scale can be loosened.

**Note: Scale will slide quickly and hit backside of wheel if you are not holding it.**

- With the scale loose, it should be resting on the bolt pad or mounting surface of your wheel. You can now lock the threaded knob on the back side of the scale once again.

- When the tool is removed from the wheel your backspace and offset are still noted since the knob tightened the scale in place.





### Reading the Scale:

- With the scale locked in place after touching off the bolt pad the backspace setting side of the scale can be read. Each mark is in 1/8" increments. Whichever line the 0-mark of the slide body is nearest is the backspacing of the wheel.
- If one needs to go further in depth, there is also an offset gauge which is on the right side of the slide body. To read this measurement you will need to know the width of the wheel you are measuring. i.e. If the wheel is a 8.5" Wide wheel the 8.5 line will be used to measure the offset. Again, whichever line is nearest to the width measurement of your wheel, will be the offset.

**Note: This measurement is mm. Each line is in 2mm increments as noted on the scale itself.**



**Example:** The Backspace of the given example would be 5-5/8".  
Let's assume this wheel is an 8.5" wide wheel, the offset would be 22mm.

