Instructions for using the ACCU-GAGE® II

The ACCU-GAGE II takes measurements in the same manner as the regular ACCU-GAGE. It uses the same type of dial gage and is read in the same manner. Instructions for the regular ACCU-GAGE are included should you need to refer to them.

Be sure that all measurement surfaces are clean and free from grass clippings and other debris!

Fig. 1 shows the ACCU-GAGE II in place on the cutting unit. The indicator head is set on the bed knife while the bar is set against the front and rear roller. With some practice, measurements can be easily made or checked.

ACCURACY & TOLERANCES

The ACCU-GAGE II works using a rack and pinion gear system transfering horizontal motion to vertical motion. Because of the distance between the dial gage and indicator head (approx. 12") tolerances must be allowed for deviations such as bar flex, spring tension, temperature, gear play, etc. We have tested and have determined that the following tolerances should be used.

Desired Cutting Measurement	Instrument Tolerance	Suggested Height Tolerance
.000 - .250	+/- .002	+/- .005
.251 - .500	+/- .005	+/- .010
.501 - 1.00	+/- .007	+/- .015

These tolerances are roughly the same for the regular ACCU-GAGE, however if you bench set the mower cutting units (the most accurate method) and then check them while on the mower, you may experience some deviation. These deviations can be due to many factors. Our studies have shown that our suggested tolerances are virtually undetectable in the field and by incorporating them in your mower setting practices, you will reduce your frustration in trying to set up the cutting units.

ADUSTMENTS & REPAIRS

Refer to Fig. 2. To reset to zero, simply turn the bezel and line up zero on the large needle. Remember, the small needle is the counter dial and it is not critical that the needle line up exactly with zero.

Be sure that all measurement surfaces are clean and free from loose grass clippings and debris. Always keep the indictor head clean. If too much dirt or debris gets int o the rack assembly the gage will bind or otherwise not move smoothly.

If you should drop or otherwise damage either the dial gage or rack and pinion assemble, we suggest you send it to us for repair and/or calibration.

Fig 1

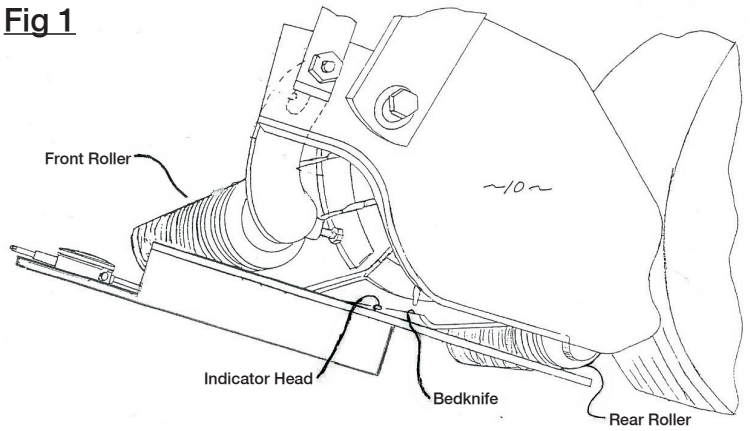
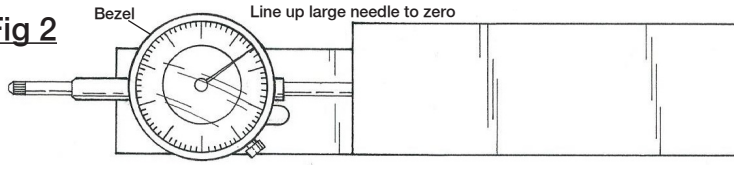


Fig 2



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Thank you for choosing our products. If you have any questions or comments, please let us know.

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