

DIXIE DIGITAL ANGLE GAUGE

SAFETY FIRST

- Always turn off and unplug power tools before using the Dixie Digital Angle Gauge.
- Read follow and understand the instructions for your tools.
- Never use your power tools without properly installed guards.
- The guards are not shown in these instructions only to make the illustrations clear.

The Dixie Digital Angle Gauge is used to check or set angles on shop machinery fences, blades, cutters, bits and machine tops.

You can calibrate most machinery fences, blades, cutters and bits to the machine top using the Dixie Digital Angle Gauge as long as the moveable part is steel.

How The Dixie Digital Angle Gauge Works

The Dixie Digital Angle Gauge has two modes.

Relative Mode which is used to check the angle difference between one surface to another. This mode is most commonly used to check for or adjust to 90 degrees. To enter Relative Mode turn on the Dixie Digital Angle Gauge Using the ON /OFF button. Look to the top right hand corner of the display window when the display window does not show ABS the Dixie Digital Angle Gauge is in Relative Mode. Short press the ABS /Zero Button to cycle through Relative Mode and ABS Mode when in Relative Mode a second short button press will zero the gauge.

Example Right Tilting Table Saw Blade Set Up in Relative Mode: setting 90 degree. and setting 22 1/2 degree.

CAUTION: UNPLUG YOUR SAW

Step 1. Place the Dixie Digital Angle Gauge near the center line of the saw blade. Do not place the Dixie Digital Angle Gauge on the saw throat plate. (Fig. 1) Switch to Relative Mode. Short press the ABS / Zero Button to zero the display. (see Fig 1.)



Fig 1.

Step 2. Raise your saw blade to full height. Rotate the Dixie Digital Angle Gauge to the left and stick it on the left side of your table saw blade. Make sure the gauge is setting flat on the blade and not sitting on the saw blade teeth. The 3 powerful magnets will hold the Dixie Digital Angle Gauge to the saw blade. The Dixie Digital Angle Gauge is now reading the saw blade angle relative to the saw top. Adjust the saw blade so that the Dixie Digital Angle Gauge displays 90 degrees. (see fig 2.)



Fig 2.

Note: If your saw blade tilts to the right you will rotate your Dixie Digital Angle Gauge to the left and place it on the left side of your saw blade (show above). If your saw blade tilts to the left you will rotate your Dixie Digital Angle Gauge to the right and place it on the right side of your saw blade.

Step 3. To set a 22.5 degree. setting you need to subtract it from 90 degree which equals 67.5 degree. Turn the angle adjustment crank until the display reads 67.5 witch is 22.5 degree to the saw top. (Fig 3.)



Fig 3.

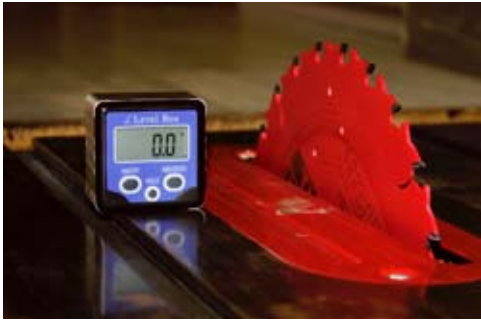
ABS Mode (Alternate Bevel Setting)

ABS Mode (Alternate Bevel Setting) which is used to set the desired angle from a calibrated 90 or 0 degree. To enter **ABS Mode (Alternate Bevel Setting)** turn on the Dixie Digital Angle Gauge using the ON /OFF button. Look to the top right hand corner of the display window when the display window shows ABS the Dixie Digital Angle Gauge is in **ABS Mode (Alternate Bevel Setting)**. Short press the ABS /Zero Button to cycle through Relative Mode and ABS Mode when in **ABS Mode (Alternate Bevel Setting)** a short button press will zero the gauge.

Example Right Tilting Table Saw Blade Set Up in ABS Mode (Alternate Bevel Setting): setting 22.5 degree. from a calibrated 90 degree. saw blade.

Step 1. Using the Relative Mode calibrate your saw blade to 90 degree. to the table saw top. Place the Dixie Digital Angle Gauge near the center line of the saw blade. Do not place the Dixie Digital Angle Gauge on the saw throat plate. Switch to Relative Mode. Short press the ABS / Zero Button to zero the display. (see Fig 4.)

Fig 4.



Step 2. Raise your saw blade to full height. Rotate the Dixie Digital Angle Gauge to the left and stick it on the left side of your table saw blade. Make sure the gauge is setting flat on the blade and not sitting on the saw blade teeth. The 3 powerful magnets will hold the Dixie Digital Angle Gauge to the saw blade. The Dixie Digital Angle Gauge is now reading the saw blade angle relative to the saw top. Adjust the saw blade so that the Dixie Digital Angle Gauge displays 90 degrees. (see fig 5)

Fig 5.



Step 3. With the Dixie Digital Angle Gauge attached to the saw blade in Relative Mode as shown in (Fig 5.) switch to ABS Mode (Alternate Bevel Setting) by short pressing the ABS / Zero Button. To zero out the display in ABS Mode short press the ABS / Zero Button again to zero the ABS Mode display. (see Fig 6.)

Fig 6



Step 4. Using your table saw angle adjustment crank adjust the saw blade to 22.5 degree. while watching the Dixie Digital Angle Gauge display. (see Fig 7.)

Fig 7



The Dixie Digital Angle Gauge works on, Drill Press, Miter Saw, Band Saw and much more.....

Miter Saw



Band saw



Drill Press

