

# WOODHAVEN

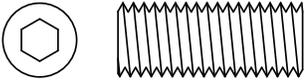
**4915 & 4916 Standard  
Miter Gauge**

**Owners Manual**  
*Please Read Carefully!*



# 4915 & 4916 Parts List

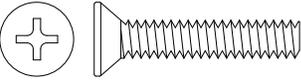
*Please identify and verify that you have all of the hardware shown below prior to assembly.*



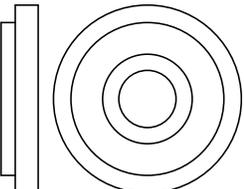
**Part#** 4900A **Description** Nylon set screw **Qty.** 10



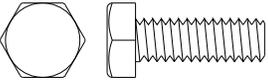
**Part#** WB002 **Description** 1/4" Washer **Qty.** 3



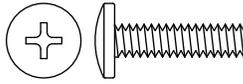
**Part#** MF045 **Description** 1" Screw **Qty.** 1



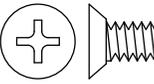
**Part#** 4900G **Description** T-Slot Washer **Qty.** 2



**Part#** HB020 **Description** 3/4" Bolt **Qty.** 2



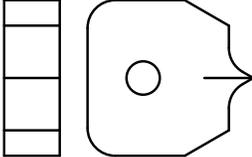
**Part#** MT015 **Description** 3/4" Screw **Qty.** 1



**Part#** MF001 **Description** 5/16" Screw **Qty.** 2



**Part#** WB001 **Description** 3/16" Washer **Qty.** 1



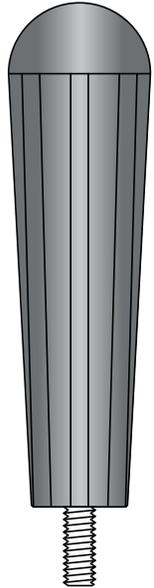
**Part#** 4910C **Description** Pointer **Qty.** 1



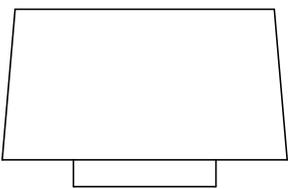
**Part#** WN001 **Description** 1/4" Nylon Washer **Qty.** 1



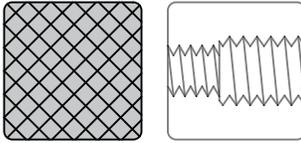
**Part#** 5784 **Description** 1/8" Allen Wrench **Qty.** 1



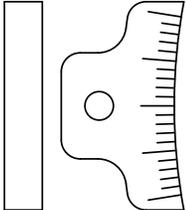
**Part#** 5595D **Description** Tall Handle **Qty.** 1



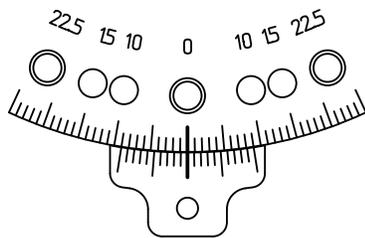
**Part#** 5540 **Description** Knob **Qty.** 2



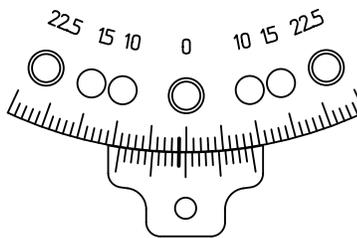
**Part#** 4900K **Description** Knob Holder **Qty.** 1



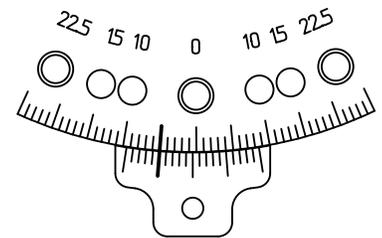
**Part#** 4910D **Description** Vernier Scale **Qty.** 1



**Gauge set at 0°**



**Gauge rotated counter clockwise 1/10th °**



**Gauge rotated counter clockwise 5/10th °**

## BEFORE BEGINNING

The Standard Miter Gauge is a precision tool and should be handled and cared for as such. It is very important that the miter slot is parallel to the saw blade for this, or any other miter gauge, to work properly. Identify and verify that you have all the parts listed. Read the instructions at least once, familiarizing yourself with the parts and assembly options, before beginning assembly.

## INSTALL MITER BAR SET SCREWS

Carefully install the nylon set screws (*four or five 4900A's - quantity depends on model purchased*) by hand in the edge of the miter bar, starting them from the machined edge (*note circular marks - see fig. 1*). Use the 1/8" allen wrench (5784) to turn the set screws until they protrude slightly from the smooth edge of the bar. Make fine adjustments to the set screws so the miter bar slides easily in the miter slot, but without any slop. We have included extra set screws for future use. If the side of the miter slot is rough, it will wear the nylon sets screws prematurely. Smooth the miter slot if necessary with a file or emery cloth. Typically you should not have to adjust the set screws more than a once or twice a year.

## INSTALL T-SLOT WASHERS

The two T-slot washers (4900G) are countersunk on both sides. This allows them to be reversed for mounting on a Powermatic or Delta style table saw. Install them on the front of the miter bar using the 5/16" screw (MF001). For a Powermatic saw, put the wide side of the washer against the bar. For a Delta saw, put the narrow side of the washer against the bar. Leave the washer off if your saw does not have a T-slot, or if the washer will not fit the T-slot in your saw. The rear washer is covered under the next section. *See fig. 2.*

## INSTALL POINTER OR VERNIER SCALE

Depending on if you use the rear T-slot washer or not, the pointer/vernier scale installation will differ slightly:

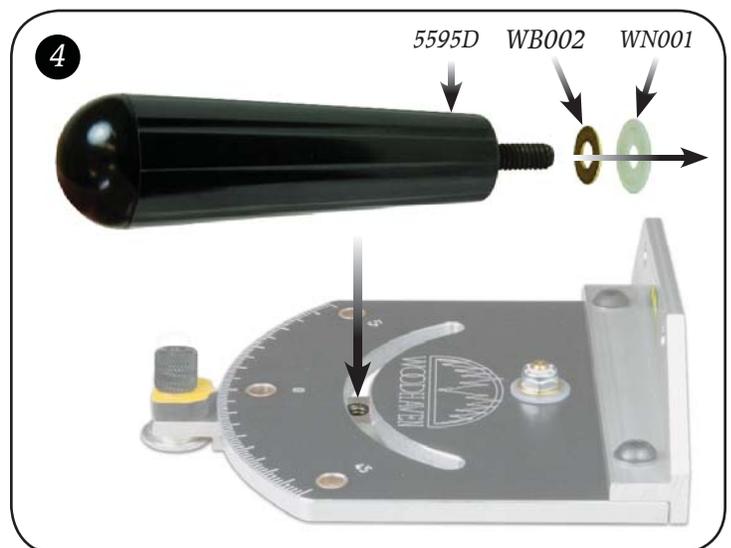
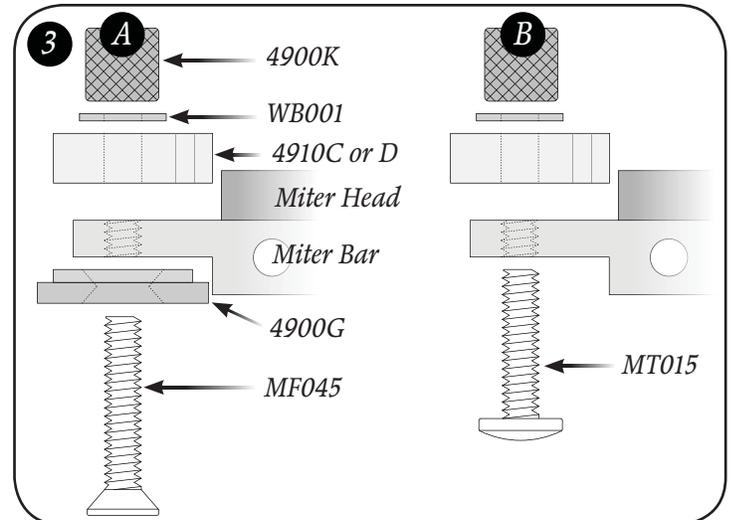
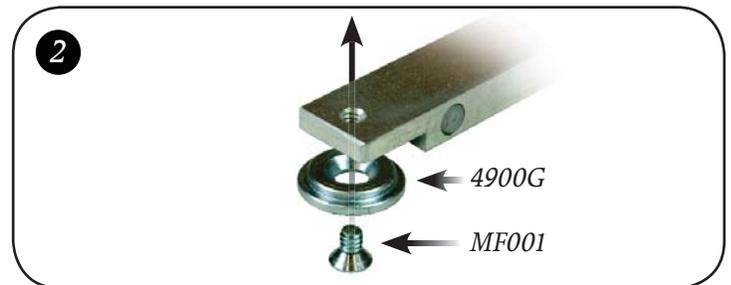
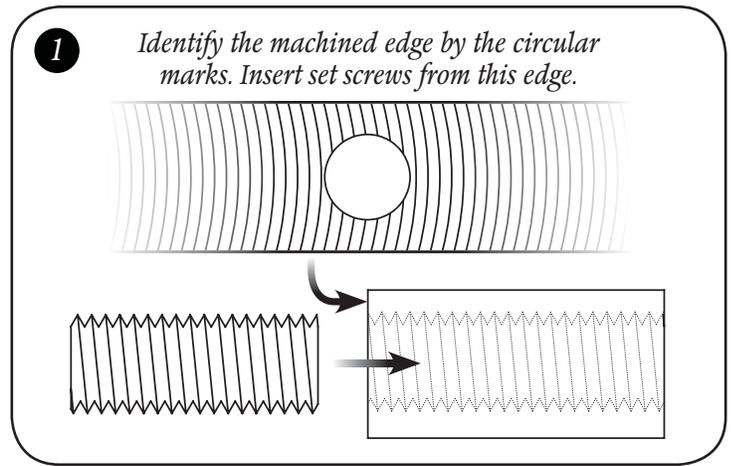
**3A. With rear T-slot washer:** Insert a 1" screw (MF045) into the T-slot washer (4900G), then thread the screw thru the bottom rear of the bar. Slip the pointer (4910C) or vernier scale (4910D) on the screw, followed by a 3/16" washer (WB001) and the knob holder (4900K). *See fig. 3A.*

**3B. Without rear T-slot washer:** You don't use the T-slot washer and you do use a 3/4" screw (MT015). Everything else is the same as above. *See fig. 3B.*

Install the indexing pin in the 0° position, turn the pointer (4910C) so it is lined up with the 0° scribe line in the miter head and tighten the knob holder. The vernier scale (4910D) will work through 80 degrees of rotation. The drawings of the vernier scale in the parts list show how it can be used to set angles as fine as 1/10th of a degree.

## INSTALL MITER GAUGE HANDLE

Place a 1/4" washer (WB002) and the nylon washer (WN001) on the stud of the handle (5595D). The handle installs thru the curved slot in the miter head and into the miter bar. *See fig. 4.*



## SETTING ANGLES

The indexing knob (5535, *pre-installed for shipping*) fits through an indexing hole (*select the angle you desire*) in the miter gauge. We have installed bronze bushings for wear purposes at the most common angle locations. When using an indexing knob to set an angle, you will need to loosen the handle and remove the indexing knob. Re-install the indexing knob and tighten the handle after changing to the new angle setting. When not used for indexing, screw the indexing knob in the knob holder. *See fig. 5.*

When you can't use the indexing knob, set the angle using the pointer/vernier scale, or by reading against the miter fence and the machined edge of the miter bar. Tighten the handle to lock the angle setting. An optional accessory is our **950 MiterMatic**. It has several angles not covered by the indexing holes in our miter gauge and makes setups for these less common angles very easy.

## TRACK HARDWARE

Use the two knobs (5540), two 3/4" bolts (HB020) and two 1/4" washers (WB002) to attach an Ultra Track (*sold separately*) to the miter gauge. You can also attach a wood fence (*not provided*) to the miter fence using two wood screws (*not provided*). *See fig. 6.*

## MAINTENANCE

Periodically lubricate the pivot screw and the indexing knob. The miter fence is a separate piece that bolts to the miter head. Should your miter gauge get out of square, and assuming nothing is bent, you can re-square the miter gauge by loosening the two bolts and making the necessary adjustment.

## OPTIONAL ACCESSORIES

Optional accessories include Ultra Track for mounting our Straight and Curved Flip Stops, Ruler Bars & Tapes, MDF Sub-Fences, the Box Joint Jig and more!

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