

WOODHAVEN



4962 Taper Master Owners Manual *Please Read Carefully!*

Additional Hardware:
Parts listed below are not shown in the hardware drawings. Refer to photos in the instructions:

| Part | Description | Quantity |
|--------|-----------------------------|----------|
| 4962B | MDF Base..... | 1 |
| 4962A | 1/4" Fence Plates | 3 |
| 4436 | 36" Ultra Track Fence | 1 |
| 6305IC | Inboard Clamp..... | 2 |
| 4918B | 17-3/4" Jig Bars..... | 2 |

| Part# | Description | Qty. |
|--------|--------------|------|
| NOB125 | 1-1/4" Screw | 1 |

| Part# | Description | Qty. |
|---------|-------------|------|
| BUSH004 | 5/8" Spacer | 1 |

| Part# | Description | Qty. |
|-------|-------------|------|
| MF045 | 1" Screw | 6 |

| Part# | Description | Qty. |
|-------|-------------|------|
| MF006 | 5/8" Screw | 6 |

| Part# | Description | Qty. |
|-------|-------------|------|
| HB030 | 1" Bolt | 1 |

| Part# | Description | Qty. |
|-------|-------------|------|
| 5590 | Knob | 1 |

| Part# | Description | Qty. |
|-------|-------------|------|
| 5863 | Handle | 3 |

| Part# | Description | Qty. |
|--------|-------------|------|
| NUT025 | Square Nut | 3 |

| Part# | Description | Qty. |
|---------|-------------|------|
| BUSH001 | 1/8" Spacer | 3 |

| Part# | Description | Qty. |
|-------|-------------|------|
| 5760B | Oval Nut | 7 |

| Part# | Description | Qty. |
|---------|-------------|------|
| BUSH002 | 1/4" Spacer | 4 |

BEFORE BEGINNING

The **4962 Taper Master** makes cuts up to 40" long and can be used in either miter slot of a table saw as long as the miter slot is between 4-1/2" to 6" from the saw blade. Make sure the 40" capacity is sufficient and your miter slot locations are in the range given before proceeding. Identify and verify that you have all the parts listed. Read the instructions at least once, familiarizing yourself with the parts, before beginning assembly. We recommend a #3 Phillips screwdriver for the 1/4" screws and a #2 Phillips screwdriver for smaller screws.

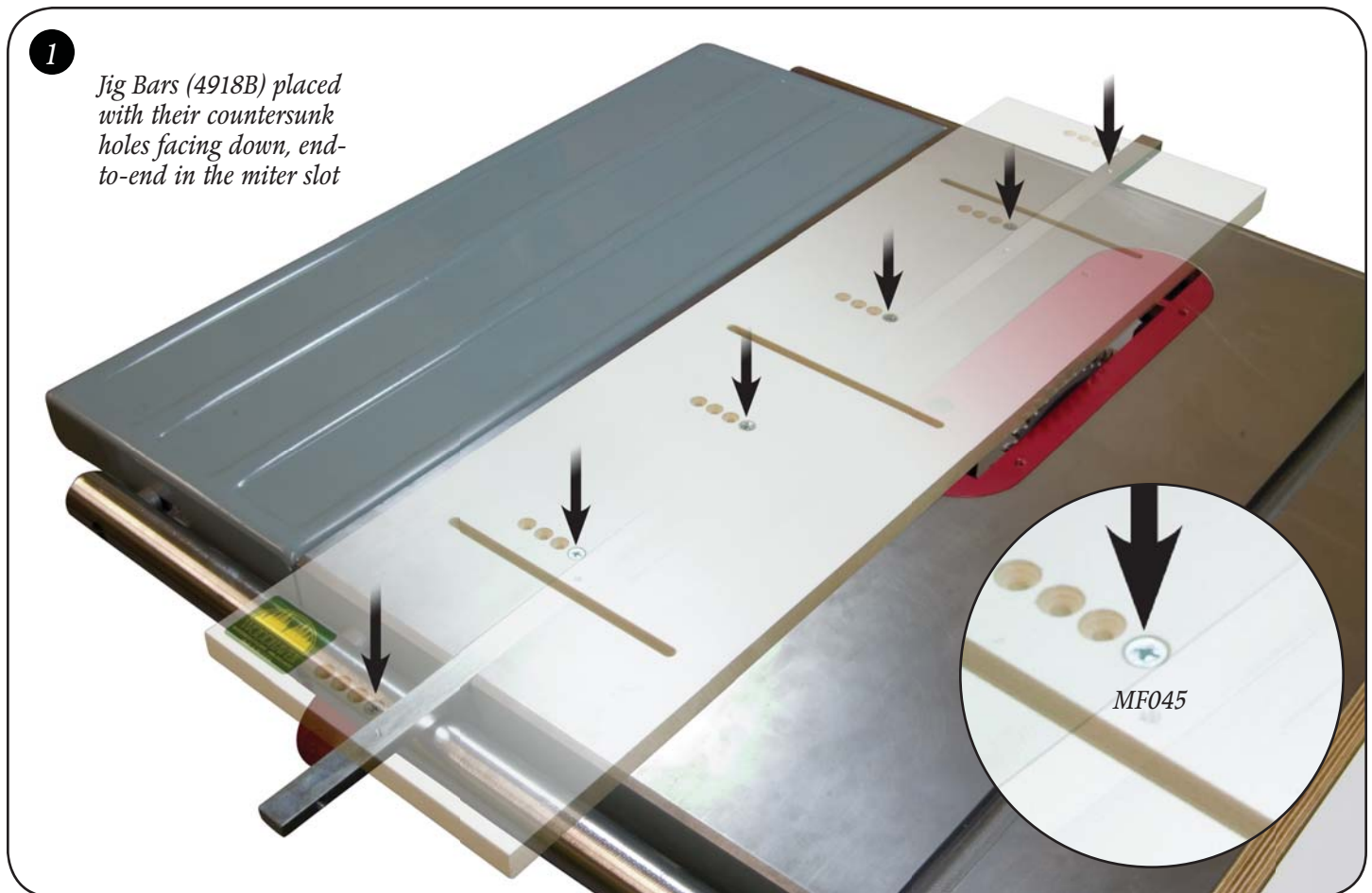
If used on a table saw, this unit relies on the miter slot of your saw being parallel to the saw blade for it to work properly. If this is not the case, make those adjustments to your saw before proceeding. The **4962 Taper Master** may also be used on a band saw.

ASSEMBLY

Most people use their miter gauge in the left miter slot so these directions show that location being used.

Open the 17-3/4" Jig Bars (**4918B**) and assemble/adjust the bars according to the instructions that come with them. Lay the Jig Bars (**4918B**) with their countersunk holes facing down, end-to-end in the miter slot of your saw. Align the mounting holes in the Jig Base (**4962B**) with the threaded holes in the bars so that the base overhangs the cutting path of the blade by 1/2" or less. Attach the bars to the base with 1" screws (**MF045**) and re-check the fit of the bar/base assembly, making sure it slides smoothly.

Turn the saw on and cut off the edge of the base overhanging the saw blade (**This should be no more than 1/2"!**), guiding the bar/base assembly in the miter slot. Turn the saw off, disconnect the power and lower the blade on your table saw completely. *See fig. 1.*



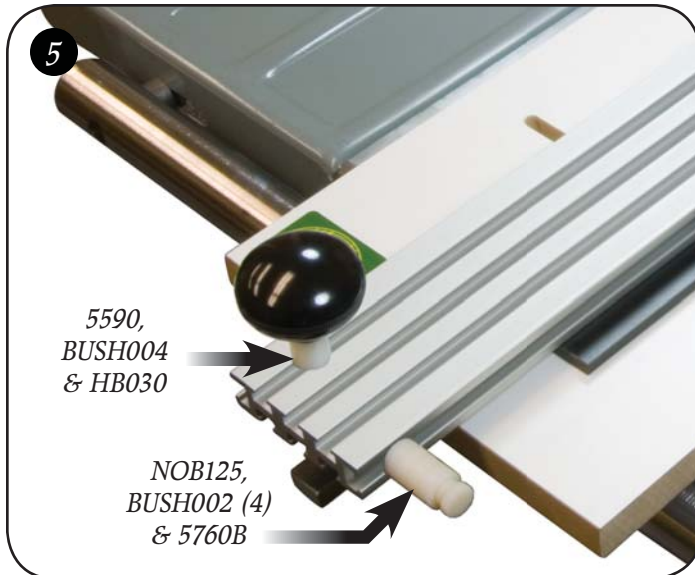
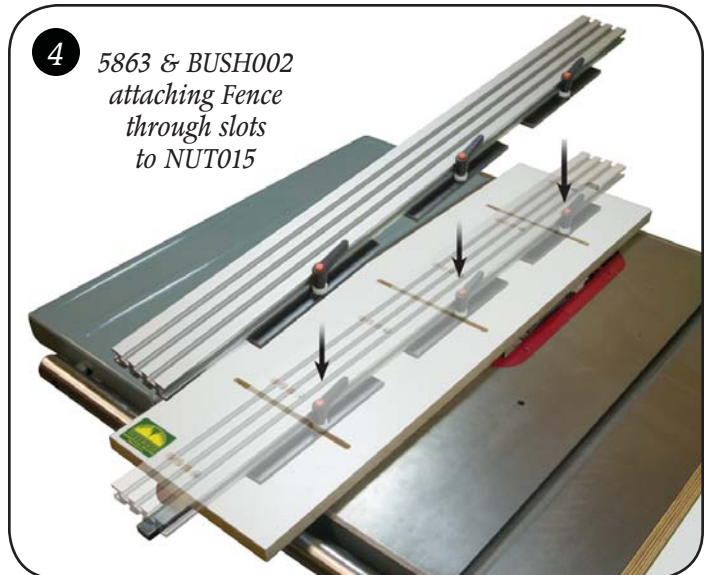
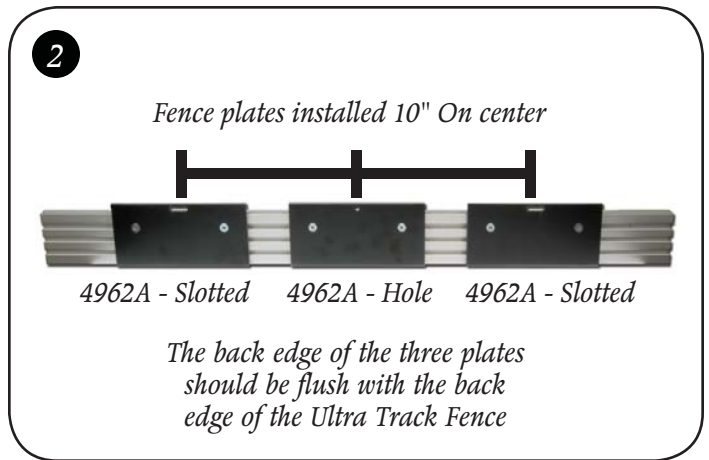
INSTALL FENCE

Attach the three Fence Plates (**4962A**) to the 36" Ultra Track Fence (**4436**). Insert the 5/8" screws (**MF006**) thru the countersunk holes in the plates and start 1/4-20 oval nuts (**5760B - smooth side first**) on the ends of the screws. Two of the plates have a slot and one plate has a hole near it's edge. The plate with the hole goes on the middle of the fence and the plates with the slots go on either end. Slide the plates on the fence, making sure the plate with the hole is in the center of the fence. Position each slotted plate so it is 10" on center from the center plate. The back edge of the three plates should be flush with the back edge of the Ultra Track Fence. Tighten the plate screws. *See fig. 2.*

Attach the fence to the base. Install one 1/8" spacer (**BUSH001**) on each of the three ratchet handles (**5863**). Align the slots and hole in the fence plates with the slots in the base. Insert the stud of the ratchet handle thru the hole or slot of the fence plate and thru the slot in the base. Place a square nut (**NUT025**) in the recess in the underside of the base and screw the ratchet handle into the nut. *See fig. 3 & 4.*

Attach the handle to the fence. Insert a 1" bolt (**HB030**) in the T-slot shown in the fence, then a 5/8" spacer (**BUSH004**) and a handle (**5590**) on the end of the bolt. For now, position the handle near the end of the fence and tighten. *See fig. 5.*

Attach the stop to the fence. Insert four 1/4" spacers (**BUSH002**) on a thumb screw (**NOB125**) and start an oval nut (**5760B - raised side first**) on the end of the thumb screw. Slide it on to the T-slot on the edge of the fence, position it near the end of the fence for now and tighten. *See fig. 5.*



Assemble the two Inboard Clamps (6305IC) according to the directions that come with them and attach them to the front or center T-Slot of the fence. *See fig. 6.*

USING THE TAPER MASTER

Be sure to observe all safety precautions when using the table saw or band saw. The cut-off from your work can be thrown by the table saw blade as it falls to the table. To help prevent this, clamp a 3/4" thick board on the opposite side of the blade.

Set the fence on the Taper Master to the desired taper or angle. This is done by lining up the cut lines on your work with the cut edge of the base, which is also the cut line of your saw.

Position the handle on the fence where desired. Place the work on the base and butt it against the three Fence Plates and the Stop. Adjust and tighten the toggle clamps on the work using medium pressure. Do not over tighten! *See fig. 7 and cover photo.*

Pull the work/jig back from the saw blade, start the saw, then slide it forward past the saw blade.

OPTIONAL ACCESSORIES

The 6305R Riser Kit increases the capacity to the toggle clamps to 2-3/4" thick stock.

A 48" One Track (4248) and oval nuts (5750) are available to replace the Jig Bars on the 4962 and increase its cutting length. This extra capacity can be handy when used on a band saw, or where cut quality won't be an issue from the looser fit of the One Track in a miter slot.

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