

ROUSSEAU CO.

Quality Power Tool Accessories

OWNER'S MANUAL

Assembled Unit Shown
Without Shelves & Wings



Assembled With
Shelves & Wings



Miter Saw/Planer Stand Kit

Model 2850

IMPORTANT

Read and understand all safety guidelines and
instructions carefully before operating.

GENERAL INFORMATION

You have purchased a Rousseau Co. **MODEL 2850 MITER SAW / PLANNER STAND KIT**. This unit sets up quickly, and is mobile with locking casters. It is especially useful to finish carpenters and cabinet or furniture builders.

WARRANTY

This product has a lifetime warranty to the original purchaser. The warranty applies to defects in materials and workmanship only. We will repair or replace the product or part(s) at our discretion. This warranty does not apply to product failure or defects due to direct or indirect misuse, abuse, negligence, accidents, alterations, repairs or lack of maintenance. The item must be shipped prepaid to our Clarkston, WA location. If items must be returned for warranty service, call to receive a Return Goods Authorization (RGA) number and further instruction.

SAFETY GUIDELINES

THIS SECTION CONTAINS IMPORTANT SAFETY INFORMATION CONCERNING A HAZARD THAT MAY CAUSE SERIOUS INJURY OR DEATH, and/or damage to stand or equipment if used improperly. Please read the following instructions very carefully.

⚠ WARNING

Always follow the safety recommendations and guidelines provided by the manufacturer of your tools. When in doubt refer to your owner's manual.

⚠ WARNING

Always set stand on level ground or floor surface, making sure all legs are in contact with the ground or floor. Raise wings until locked. Failure to do so could result in sudden collapse of the wing causing injury to the operator or to the equipment.

⚠ WARNING

Always keep hands clear of hinge and pivot points. Failure to do so could result in serious injury or loss of fingers.

⚠ WARNING

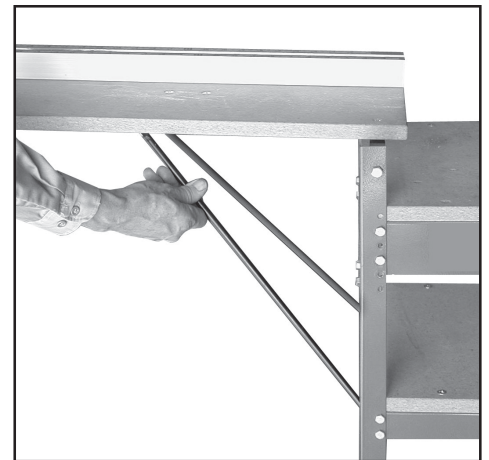
Be sure saw is bolted down securely. Failure to do so could result in serious injury to self, saw and/or stand.

⚠ WARNING

Adjust rollers or other material support surface to level with bed of miter saw. Failure to do so could result in kickback, causing serious injury to self, saw and/or stand.

⚠ WARNING

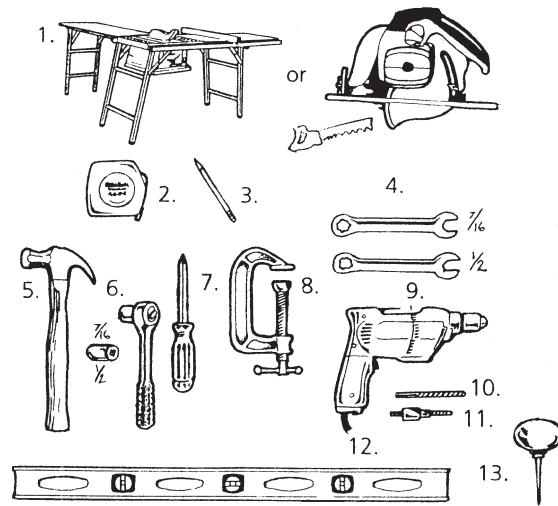
When cutting small pieces use a hold down stick or clamp work piece securely. Failure to do so could result in kickback, serious injury to self, saw and/or stand.



HOLD WING WITH ONE HAND WHEN RELEASING CATCH.

TOOLS NEEDED

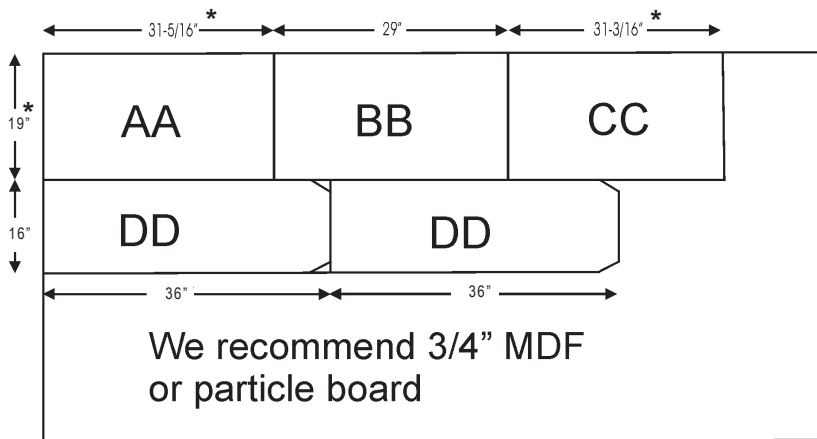
1. Saw
2. Measuring Tape
3. Pencil
4. 7/16", 1/2" Wrench
5. Hammer
6. 7/16", 1/2" Ratchet
7. Phillips Screw Driver
8. "C" Clamp
9. Drill
10. 1/4" Drill Bit
11. #8 or Similar Counter Sink Bit
12. Long Straight Edge
13. AWL



HARDWARE INCLUDED

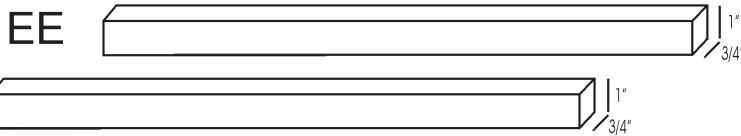
- | | | | |
|-------|--|------|-------------------------------|
| A. 40 | 1/4" x 1/2" Bolts | M. 4 | Wing Support Rods |
| B. 62 | 1/4" (K) Nuts | N. 4 | Corner End Caps |
| C. 22 | 1/4" x 1-1/4" bolts Flat Head Phillips | O. 4 | 5/16" x 3/4" Hex Bolts |
| D. 4 | Corner Posts | P. 4 | 5/16" x 2-1/2" Carriage Bolts |
| E. 2 | Cross Member-Top (Front has decal) | Q. 4 | 5/16" Flat Washers |
| F. 2 | Center Cross Members-Front/Rear | R. 4 | 5/16" Wing Nuts |
| G. 2 | Bottom Cross Members Front/Rear | S. 4 | 5/16" Lock Nuts |
| H. 4 | Cross Members-Left/Right | T. 4 | Caster Brackets |
| I. 2 | Wing Support Rod Couplers | U. 4 | Plastic Washers |
| J. 4 | 3" Casters | | |
| K. 2 | Hinge Brackets | | |
| L. 2 | Wing Support Guide | | |

PURCHASED MATERIAL



*NOTE:

These dimensions are approximate. Take final dimensions from inside frame after assembly. Straightness and squareness of stand depends on these dimensions.



OR

Add our optional Stop System **Model 3800**



Step 1

MEASURE SAW HEIGHT

Measure saw height as shown in **FIG 1**

Step 2

FRAME ASSEMBLY

A. Using measurement from Step 1. plus 1-3/16", measure down from the top of all 4 corner posts (D) and make a mark. Mount cross member (E) to corner post (D) using (D) bolts (A) and nuts (B). (Fig. 1) The top bolts should go through holes nearest the marks. Thumb tighten only at this time. Bottom bolts on cross member (E) should be located during final adjustment.

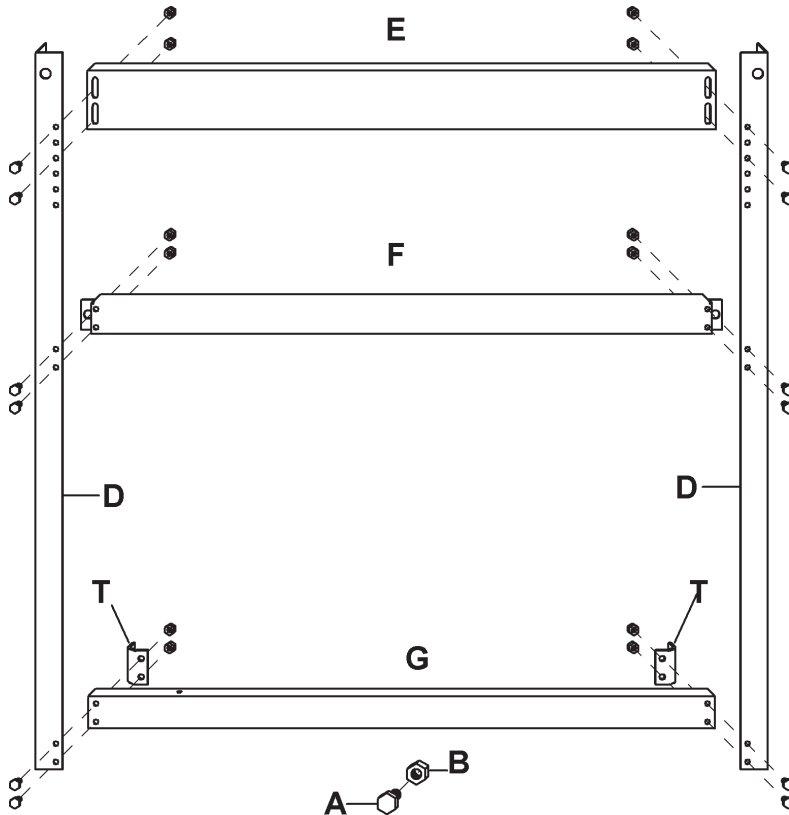


FIG. 2

Step 3

COMPLETION OF FRAME ASSEMBLY

Connect assembled sections from Step 2 with cross members (H), Bolts (A) & Nuts (B). Cross member (H) goes between corner post (D) and caster bracket (T). (Fig. 3) The same bolts hold all three together. Use bottom two holes on bottom cross member and outside holes on top cross member. Repeat on opposite side. Thumb tighten.

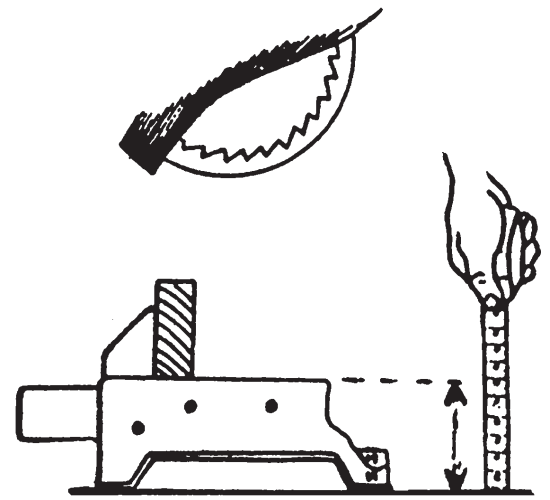


FIG. 1

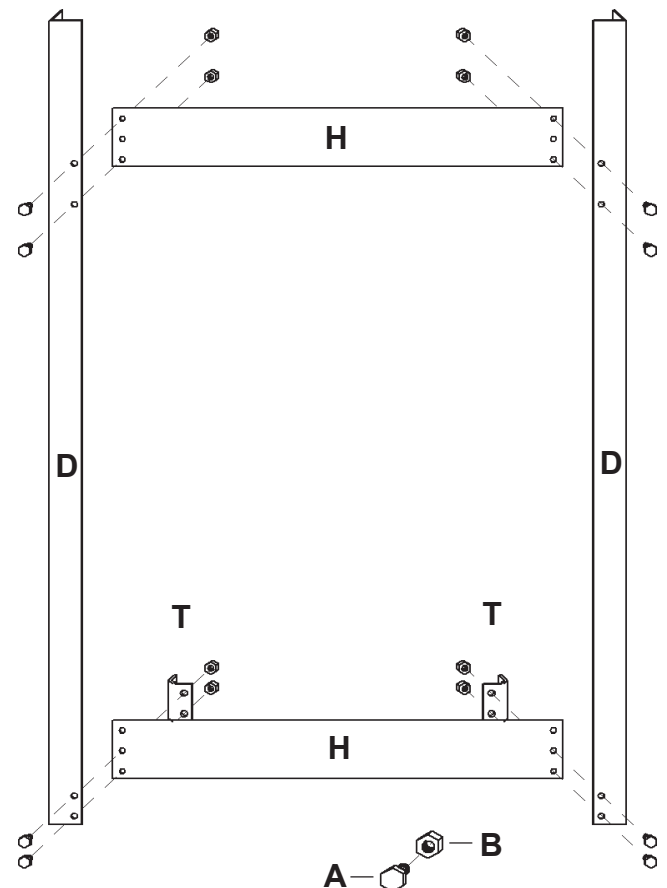
B. Mount middle cross member (F) using bolts (A) & nuts (B) and thumb tighten.

NOTE: Cross member (F) has the tab with a hole in it for the underwing support. Cross member (G) just has bolt holes.

C. Mount bottom cross member (G), caster brackets (T) and thumb tighten.

D. Repeat steps (A-C) for back section using remaining cross members and post.

FIG. 3



Step 4

SQUARING FRAME ASSEMBLY

- A. Semi-tighten one bolt on each edge of front before squaring.
- B. Measure diagonally both ways on front of unit. Shift frame until measurements are equal. Then tighten middle and bottom nuts. (Fig. 4)
- C. Repeat A & B for back
- D. Repeat A & B for both sides

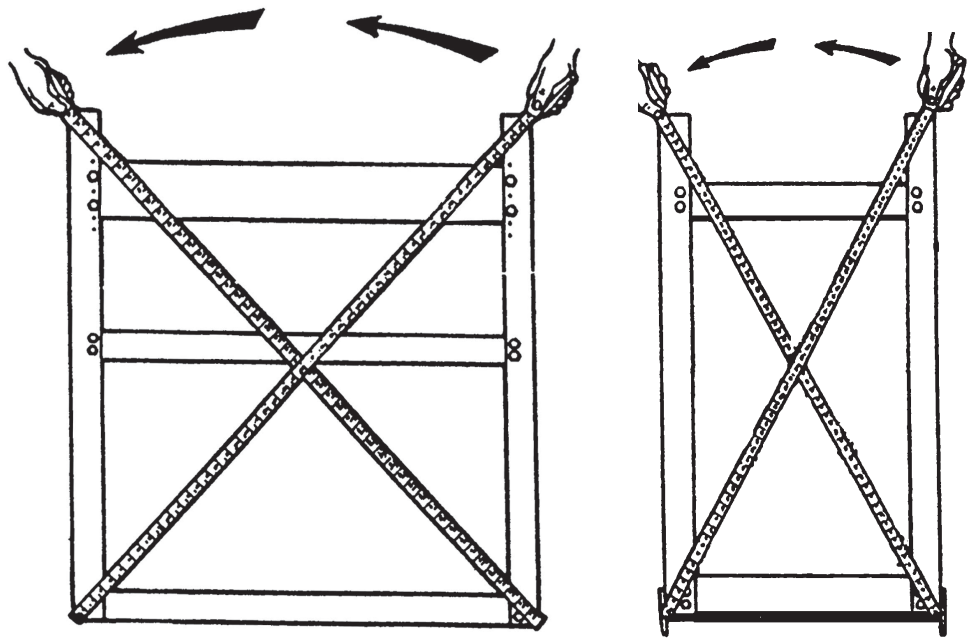


FIG. 4

Step 5

INSTALL CASTERS

Loosen the four bolts at the bottom of one corner post (D). Push stem of a caster (J) under caster bracket (T) (Fig. 5). Tighten the four bolts. Repeat for the three remaining corner posts.

Step 6

DRILLING SHELVES

- A. Set shelf (AA) in frame on top cross members and center it. (Fig. 6) Make sure shelf and frame are square. (see step 4) For frame squaring instructions. Mark mounting hole locations on shelf with pencil.
- B. Center punch each hole in center of mark with AWL.
- C. Drill each hole with 1/4" drill bit.
- D. Repeat Steps (A-C) for remaining 2 shelves. Shelf (BB) goes on middle cross members and shelf (CC) goes on the bottom

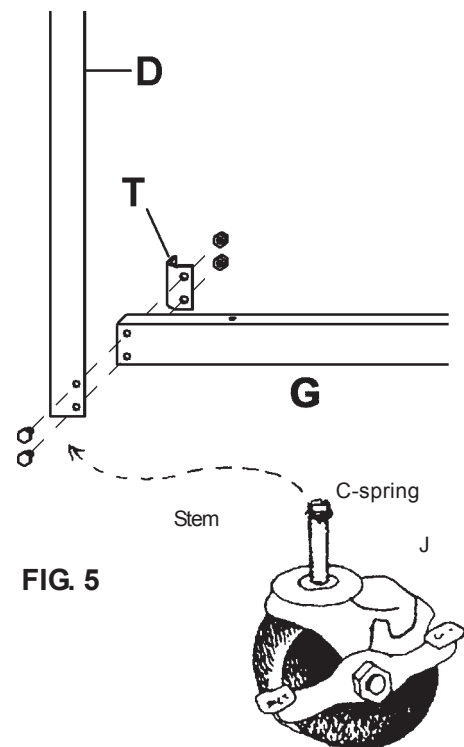
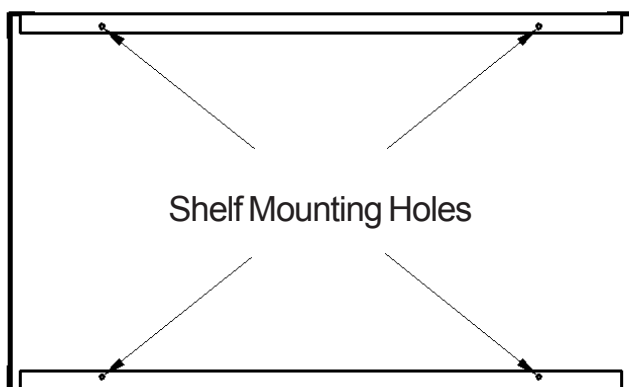


FIG. 5

FIG. 6



Step 7

MOUNTING SHELVES

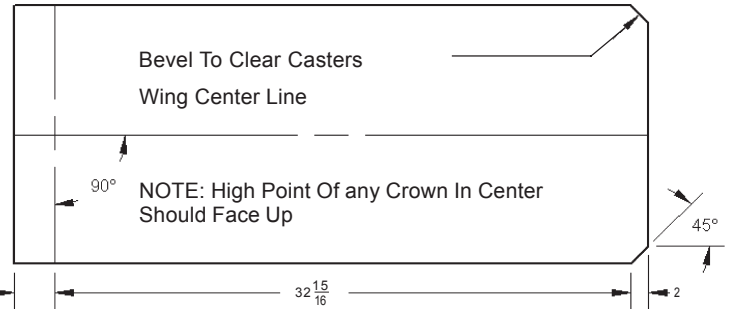
- Secure shelf (AA) on top, (BB) in middle and (CC) on bottom. Using bolts (C) & nuts (B), thumb tighten.
- Make sure frame is square (see step 4 for squaring instructions) then tighten shelf nuts until screw heads are flush. Top cross members (E) should still be loose on corner posts.
- Put end caps (N) on top of each corner post.

FIG. 7

Step 8

DRILLING & MOUNTING WINGS

- Lay wing down with high side of any crown in center facing up. Mark two lines on wings, one length wise down center of wing and one 1-1/16" from end opposite bevels. Make sure lines are perpendicular. (Fig.7)



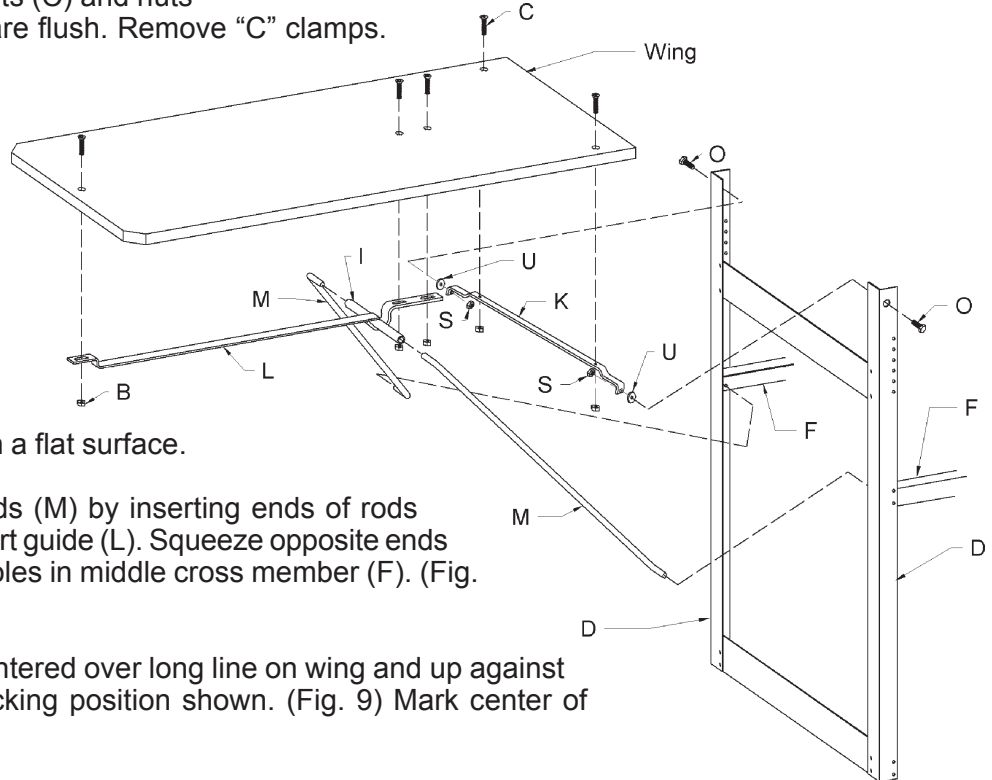
- Locate bracket (K) with slots centered over short line and centered between slides. (see Fig. 9) "C" clamp in place. Drill two 1/4" holes through wing using holes in bracket as a guide.

FIG. 8

- Mount hinge bracket (K) using 2 bolts (C) and nuts (B) tighten nuts until screw heads are flush. Remove "C" clamps.

- Repeat (A-C) on other wing.

- Attach wings by inserting 5/16" hex bolt (O) through top hole in corner post (D), through plastic washer (U), through hinge bracket (K) and into lock nut (S) on all four corners of stand. (Fig. 8) Tighten nuts until there is no movement but wing will still pivot freely.



- Invert stand with wings extended on a flat surface.

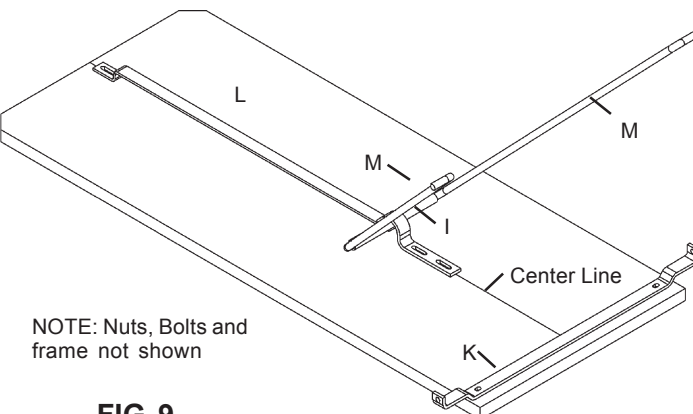
- Assemble the two wing support rods (M) by inserting ends of rods (M) into coupler (I) under wing support guide (L). Squeeze opposite ends together and insert each end into holes in middle cross member (F). (Fig. 8)

- Position wing support guides (L) centered over long line on wing and up against wing support rod coupler in the locking position shown. (Fig. 9) Mark center of three slots of each guide on wing.

- Center punch the center of each mark with AWL.

- Drill each hole with 1/4" drill bit. Wings may be lifted to provide clearance for drill.

- Mount guide (L) to each wing using bolts (C) & nuts (B). Push wing support guide (L) against wing supports (M) with wings on a flat surface. Drill 1/4" holes in center of slots. Insert flat head screws from other side. Hold guide tight against supports until end of wings by frame just starts to lift. Tighten nuts until screw heads are flush.



NOTE: Nuts, Bolts and frame not shown

FIG. 9

MOUNTING THE MITER SAW (FIG. 10)

Step 1

WING & SHELF ADJUSTMENT

- A. Set saw onto stand and place a straight edge across the saw.
- B. If the top of the saw bed is not flush with the top of the wings loosen the nuts securing the top cross member (E) at one corner. Adjust to desired height, tighten nut and repeat at other three corners. Remove saw from top shelf to allow easier adjusting.
- C. If the top of the wings are not level with the top of the saw bed they can be adjusted by loosening the three screws in the wing support guide (L). Align & tighten screws. Repeat on opposite wing.

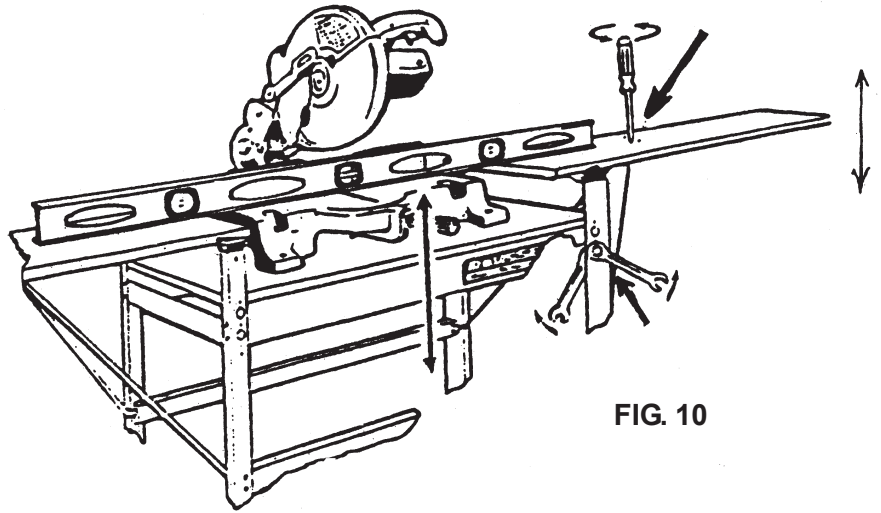


FIG. 10

Step 2

MOUNTING THE SAW (FIG. 11)

- A. Move saw until the back of the base is approximately even with the back edge of the top shelf.
- B. Center saw left to right.
- C. Adjust saw fence parallel to back of stand and wings by placing or clamping straight edge against face of saw's fence and adjusting the saw until an equal distance between the back of both wings and the straight edge is obtained.
- D. Move blade as far left and right as possible to check clearance for handle etc. Some saws may require offsetting the saw to allow for proper clearance.
- E. Mark saw mounting hole location with a pencil. Remove saw and punch the center of each mark. Drill holes and fasten saw securely according to your saw manual specifications. Using the 5/16" x 2-1/2" carriage bolts (P) with 5/16" Flat washer (2) and either 5/16" Wing nuts (R) or 5/16" lock nuts. (S)

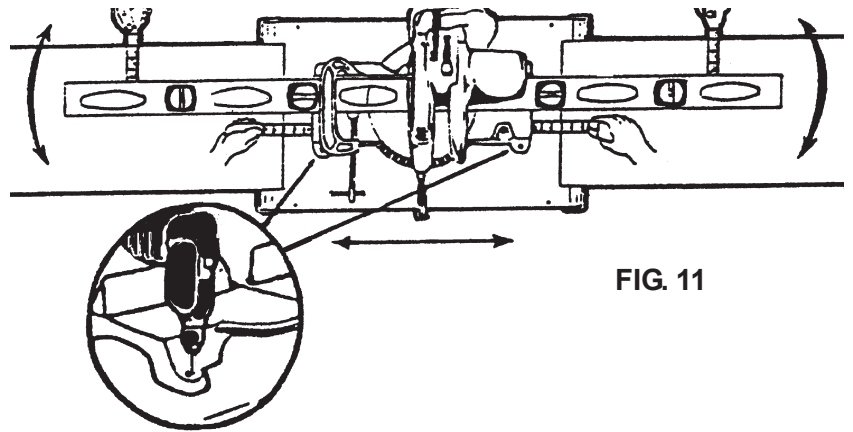


FIG. 11

Step 3

MOUNTING WING FENCES (EE) (FIG. 12)

- A. Mark each wooden fence at 2" & 12" in from both left & right hand sides
- B. Drill both fences at each mark with a #8 counter sink bit.
- C. Using a straight edge for accuracy, mount fences in line with the saw bed using 1-1/2" deck screws.

OR INSTALL MODEL 3800 STOP SYSTEM
See installation instructions included with 3800 stop system

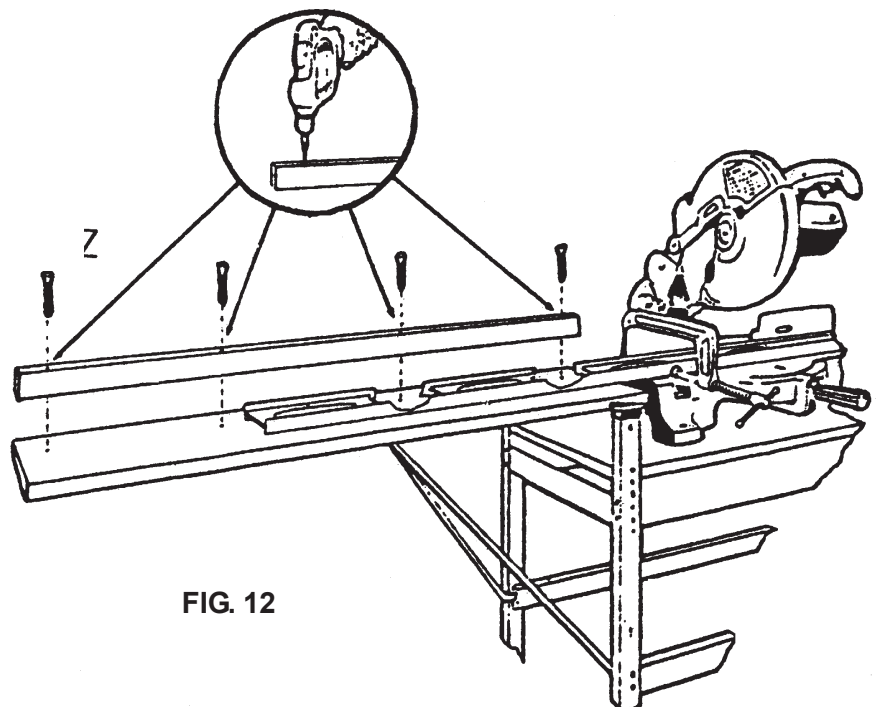


FIG. 12

MOUNTING PLANER

Step 1

WING & SHELF ADJUSTMENT

- A. Set planer onto stand.
- B. Move planer until it is centered in both the left and right as well as front to back directions.
- C. Raise and lower the wings to make sure they clear each other. For minor interference, the 2850 wing can be notched or the planer wing trimmed to fix this problem. For planers well over 28 inches in wingspan but less than 13 ½ inches wide, the 2851 HINGE SET is an option. See installation instructions included with 2851 Hinge Set.
- D. After wings have been fixed to clear each other, place a straight edge across the planer wing and stand wing on one side of the planer.
- E. If the top of the planer wing and stand wing are not flush, loosen the nuts securing the top cross member (E) at one corner. Adjust to desired height, tighten nut and repeat at other three corners. Removing Planer from top shelf to allow easier adjusting.
- F. If the top of the 2850 wings are not level with the planer wings, they can be adjusted by loosening the three screws in the wing support guide (L). Level the 2850 wing and tighten screws. Repeat for opposite wings.

Step 2

MOUNTING THE PLANER

- A. Move planer until it is again centered in both the left and right as well as front to back directions.
- B. Mark planer mounting hole locations with a pencil. Remove planer and punch the center of each mark. Drill holes and fasten planer securely according to your planer manual specifications. Four 5/16" x 2-1/2 Carriage bolts, four 5/16" flat washers and four 5/16" wing nuts are included with the planer for mounting and fit most applications.

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