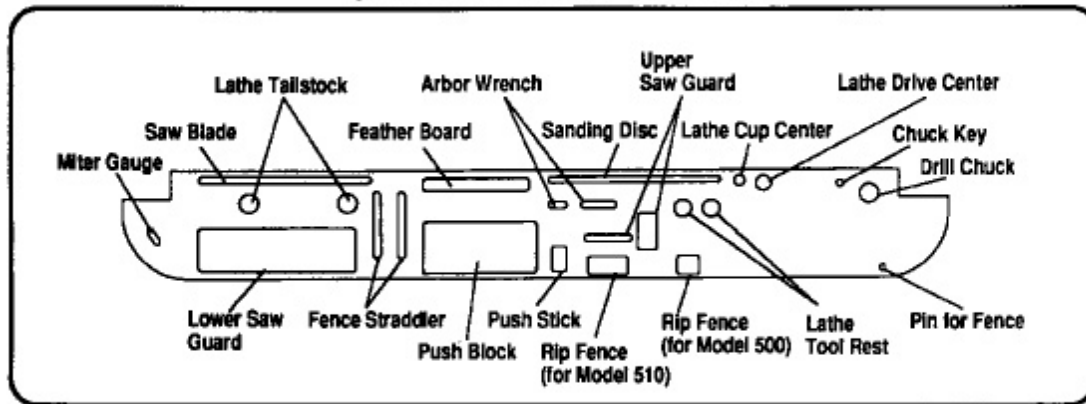
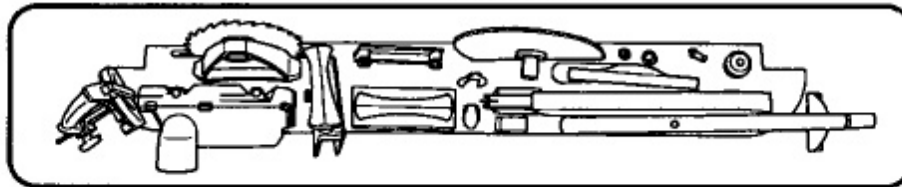


# Shopsmith Accessory Shelf

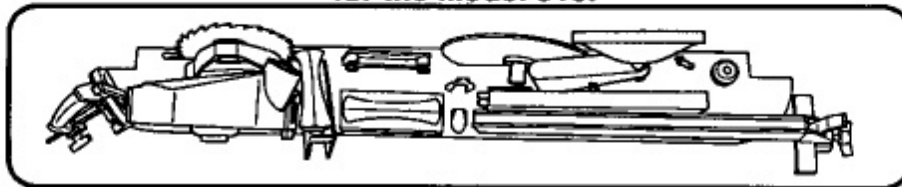
## DIAGRAM FOR PLACEMENT OF ACCESSORIES (for both Models 510 and 500)



### Typical Shelf Setup for the Model 500.

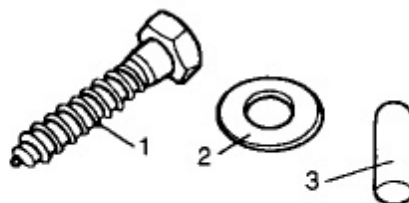


### Typical Shelf Setup for the Model 510.



## PARTS LIST

Ref. No.	Part No.	Description	Qty.
-	515337	Shelf	1
1	517003	Lag Bolt	2
2	120392	Flat Washer	2
3	517001	Wood Pin	1



## Installation of the Mark V Accessory Shelf

Tools Needed:

- 7/16" wrench
- Pencil
- 3/16" drill bit
- Electric drill

### INSTALL THE WOOD PIN IN THE SHELF

1. Use a hammer to gently tap in the wood pin (3) into the shelf's counterbored hole, located near the shelf's right front edge. See the diagram on the front page, and also Fig. 1.

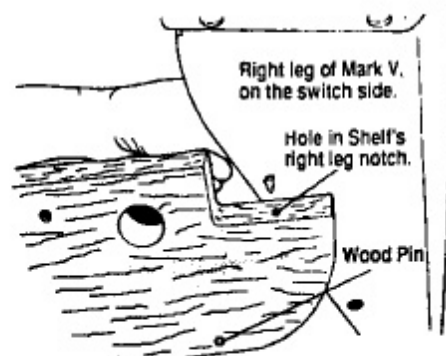


Fig. 1

### ATTACH THE SHELF TO THE RIGHT LEG

2. Place a flat washer (2) on a lag bolt (1). Working on the switch/speed dial side of the Mark V, insert the lag bolt through the top hole of the right leg, from the inside, as shown in Fig. 1.

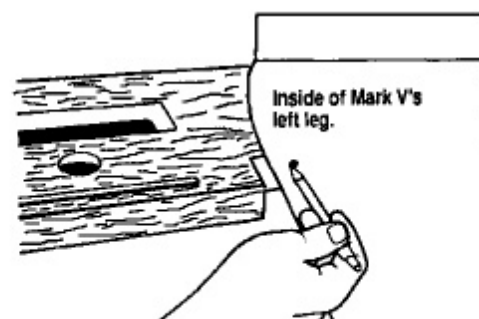


Fig. 2

3. Thread the lag bolt in the hole located in the shelf's right leg notch. See Fig. 1. Use a 7/16" wrench to engage the lag bolt threads into the shelf about halfway. Do not tighten yet.

### ATTACH THE SHELF TO THE LEFT LEG

3. See Fig. 2. Lift the shelf's left "notch" so it is centered in the top hole of the left front leg. Working from inside of the Mark V's left leg, use a pencil to mark the drill hole.

4. Rest the shelf on the floor. Use a 3/16" drill bit to drill a 3/4" deep hole at the pencil mark.

5. Place a flat washer (2) on a lag bolt (1). Use the 7/16" wrench to attach the shelf with the lag bolt. Tighten the lag bolts on both the left and right sides.

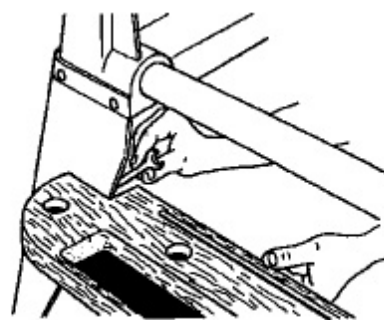
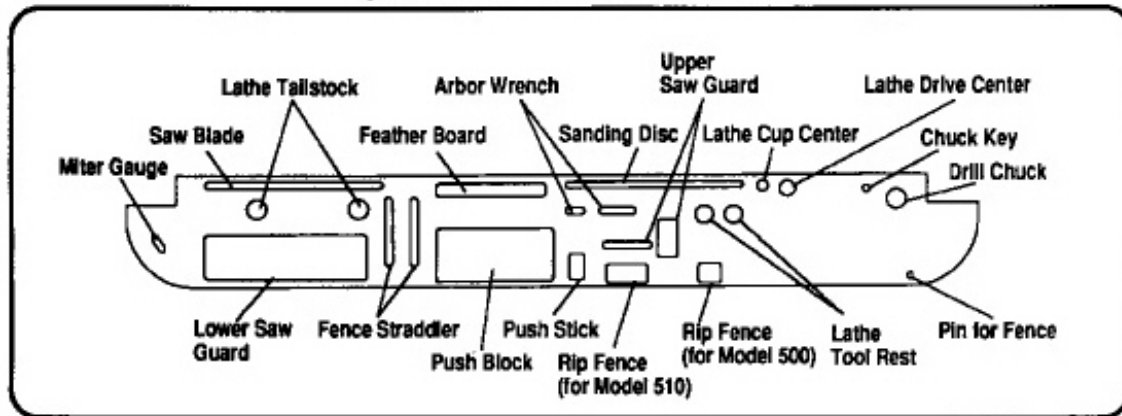


Fig. 3

# Dimensions

Back

## DIAGRAM FOR PLACEMENT OF ACCESSORIES (for both Models 510 and 500)



Front

Dimensions:

Board is 58 x 7 1/2 x 1 1/4 From point to point  
In the back the cutout is 2 x 3 3/8

Lath Tailstock holes:	1 3/8	Center to Center	7"
Miter Gauge:	1/2 x 1 1/4		
Saw Blade	1/2 x 12		
Feather Board	7/8 x 7 1/2		
Sanding Disk	1/2 x 12		
Lath Cup center	5/8		
Lathe Drive Center	1" to 7/8 step down (3/8 before smaller hole)		
Chuck Key	3/8		
Drill Chuck	1 3/8		
Lower Saw Guard	11 x 3		
Fence Straddler	1/2 x 4 1/2	Center to Center	1 11/16
Push Block	8 x 3 5/8 x 1/4 in deep (not a through hole)		
Push Stick	1 x 1 3/4		
Rip Fence (510)	2 7/8 x 1 1/4		
Rip fence (500)	1 1/4 x 1 1/4		
Lathe Tool Rest	1 3/8 & 1 1/4	Between holes	3/4
Arbor Wrench	1/2 x 1 1/4 & 1/2 x 2 5/8	Between holes	3/4

Distance from left side to the start of cut (not to the center of circles)

Tail Stock first hole	8 ½	
Second Arbor Wrench	31 ½	
First lath tool rest	38	
Start of push block holder	21	
First Fence Straddler	17 5/8	
Lower Saw Guard	5 3/8	
Rip fence 500	38 5/8	
Drill chuck key	51	(not to center)
Drill chuck	51 5/8	(not to center)
Feather board	21 1/8	
Saw blade	5 ¾	
Sanding disk	29 5/8	
Drill Chuck	51 5/8	
Lathe Cup Center	43	
Lathe Drive Center	44 13/16	
Upper saw Guard (square)	35 13/16	
Upper saw Guard (Slot)	32 1/8	

Distance from the back to the start of the cut

Push block	3 7/16
Fence Straddler	1 ½
Arbor Wrench	2 1/8
Upper saw Guard (square)	2 7/8
Upper saw Guard (Slot)	4 3/8
Push Stick	4 7/8
Rip Fence 510	5 5/8
Rip Fence 500	5 5/8
Lathe Tailstock	1 7/8
Lower Saw Guard	3 15/16
Chuck Key	3/4
Drill chuck	1
Lathe Cup Center	7/16
Lathe Drive Center	7/16

Other measurements:

Saw Blade, Feather Board and Sanding Disk slot ½ from the back edge

Lower saw guard is ½ from front edge

Miter gauge is 1 ½ from the edge

All holes and cut outs are through the board except for the push block