

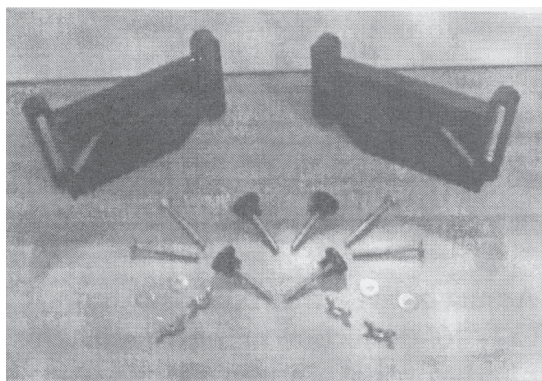


FEATHERBOARD ACCESSORY PACK

555654

Featherboard Accessory Pack

Ref#	Part #	Description	Qty
1	513245	.Screw, 1/4" -20 x 2 1/4"	4
2	516032	.Knob, with Stud	4
3	518216	.Feather Board	2
4	513216	.Wing Nut	4
5	120392	.Flat Washer, 1/4"	4



Safety

For your own information, safety, and assurance of optimum woodworking, please read the Safety Warnings below.

WARNING

- * Read, understand, and follow this instruction manual and your other Shopsmith instruction manuals.
- * Follow all safety warnings in your Shopsmith instruction manuals.
- * When performing operations calling for vertical feather boards, never use just one vertical feather board by itself. Use both vertical feather boards.
- * The vertical feather boards do not have adequate range of motion to securely hold warped stock. Refer to your Jointer instruction manual and the Shopsmith text, Power Tool Woodworking For Everyone for additional information.
- * When using the vertical feather boards, do not joint stock wider than 3-3/4", narrower than 2-1/2", or stock shorter than 20".
- * When jointing end grain, always remove the vertical feather boards.

Assembly

NOTE

You must first determine if you have a new or old style Auxiliary Fence. The new style Auxiliary Fence will not have any threaded metal inserts in any hole. If you have threaded metal inserts in some holes then you have an old style fence.

WARNING

Be certain that the feather board fingers always point toward the outfeed side of the table. If the feather board is not properly in place, a loss of control and a kickback can occur.

Old style Auxiliary Fence

1. Insert a knob w/stud (2) through each end slot of a feather board (3) and thread into an insert.

New Style Auxiliary Fence

1. Insert a screw (1) through each end slot of a feather board (3) and into the Auxiliary Fence. Place a flat washer (5) on the back side of the screw and secure in place with a wing nut (4).

Setup

WARNING

Unplug your unit from any and all power sources before continuing on.

1. With the power source turned off and unplugged, place the workpiece on the table of your unit.
2. Adjust both feather boards so there is 1/8" to 1/16" deflection in the fingers. This will put the proper amount of downward pressure on the workpiece.

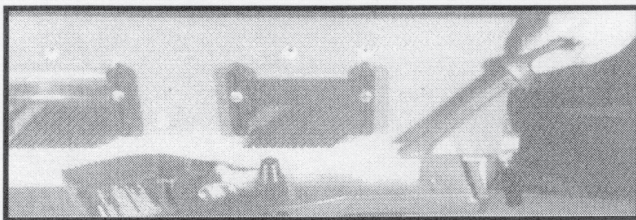


Figure 1-Jointer

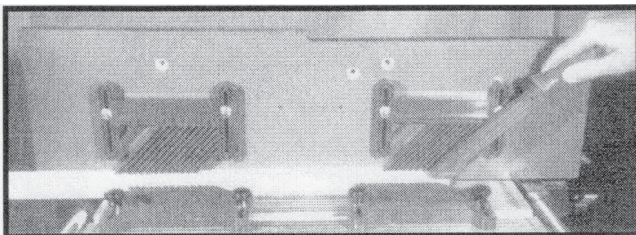
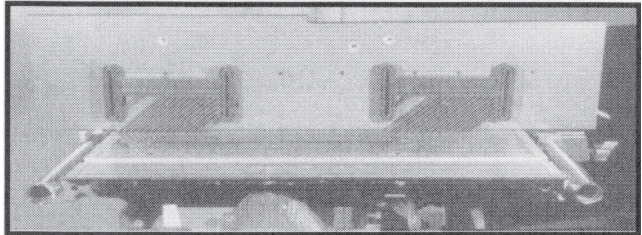


Figure 2-Mark V 510

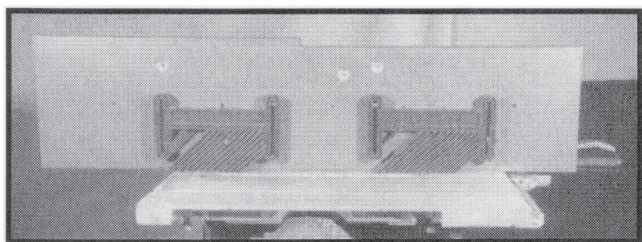
Figures 1 and 2 show a typical setup using the Shopsmith Auxiliary Fence with feather boards. Notice that the horizontal feather boards keep pressure on the stock toward the Auxiliary Fence, while the vertical feather boards keep downward pressure on the stock toward the table. The feather boards take the place of the operators hands. With this setup, the operator simply uses a push stick to guide the workpiece and complete the operation.

Recommended Featherboard Positioning

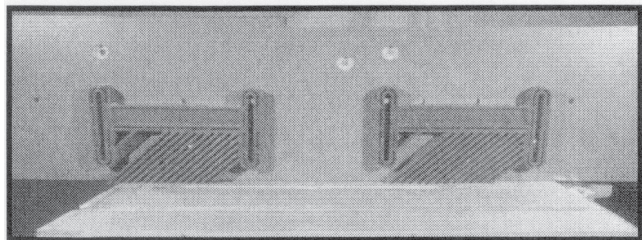
The following pictures show the recommended holes to use when installing feather boards on your Shopsmith Auxiliary fence.



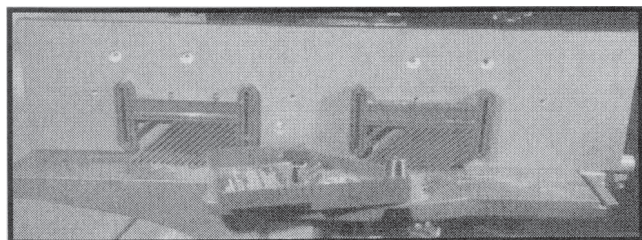
Mark V 510



Mark V 500
New Style Rip Fence



Mark V 500
Old Style Rip Fence



Jointer

NOTE

Mounting hardware is omitted. Photos show Feather Board positions only.

NOTE

If you have further questions or need help, call Customer Services: Toll Free 1-800-762-7555, or visit our website: www.shopsmith.com.



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