

Service Pointers

The MARK V Rip Fence -- A Prime Key to an Accurate Project

The Rip Fence is a very important part of your Shopsmith MARK V (or any table saw, for that matter). If you drop it, hit it, bang it around or place excessive pressure on it during use, it can and will get out of line.

To check for proper alignment, place the Fence next to the miter gauge slot on your MARK V Table and tighten the locking handle(s). It should be parallel to the slot when clamped to the table. If it isn't, it probably needs adjustment.

Do be aware, however, that sometimes, it's the main worktable or extension table that's out of alignment and *NOT* the fence. Always check the table alignment first if you're having problems. One way to do this is to gently slide the table against the sanding disc to check to see if the edge of the table is parallel to the disc. If not, some adjustment is required before proceeding.

Problem	Possible Cause	Remedy
Fence is out of alignment	Fence has been dropped	Realign fence by loosening two bolts under the base. Realign fence to slot, tighten fence to table, then tighten bolts.
	Excessive side pressure on fence during operation	Clamp a block to the table surface behind your rip fence on its outboard end to act as a back-up.
	Offsetting setscrew on handle end of fence has vibrated against the table bar.	Remove the offsetting setscrew. tap its threads lightly with a hammer to flatten them slightly and re-install.
Fence will not adjust to an angle for edge sanding with the disc sander.	The offsetting setscrew is not properly adjusted.	Loosen the fence's knob and adjust the offsetting setscrew to the right of the fence handle so the fence is 1/16-inch to 1/8-inch closer to your disc at the infeed end of the table than it is at the outfeed end. Tighten fence.

Burr or dirt on the underside
of fence base or table bar.

Remove burr with file - or dirt
with solvent.

Dado or molding knives
cut into fence sides

Improper Setup

Use a wood extension fence. See
*Power Tool Woodworking for
Everyone* book for extension
plans.