

# Service Pointers

## The Table Saw - Rip Fence, Miter Gauge & Extension Table

Here is a listing of the most common work table or carriage problems encountered by users of the Shopsmith MARK V . . . along with their causes and recommended solutions. If you are encountering any of these problems, chances are, your solution is right here.

If you have tried these remedies and they didn't work...or if you're experiencing difficulties that are not listed here, feel free to call **Shopsmith's TOLL-FREE Technical Services Hotline (1-800-762-7555)** for the answer.

<b>Problem</b>	<b>Possible Cause</b>	<b>Remedy</b>
Miter Gauge	Miter Gauge	Miter Gauge
Miter Gauge binds in slots	Taper screw in bar tightened too far.	Back out the taper screw.
	Miter Gauge bar bent.	Replace bar.
	Work table warped.	Replace work table.
	Burrs in table slots.	Use file to remove burrs.
	Table slots clogged with foreign matter.	Clean and wax table slots.
Miter Gauge rocks side-to-side	Nylon glide plugs improperly adjusted	Adjust plugs
Wood rocks on Miter Gauge face	Miter Gauge face warped	Replace Miter Gauge face.
Miter Gauge does not cut indicated angle	Stops improperly adjusted	Stops improperly adjusted
	Vernier plate improperly adjusted	Vernier plate improperly adjusted.
	Miter Gauge face warped	Miter gauge face warped.
	Wood not held firmly against Miter Gauge	Wood not held firmly against Miter Gauge

<b>Problem</b>	<b>Possible Cause</b>	<b>Remedy</b>
Safety Grip marks on stock	Too much pressure	Don't squeeze so hard
	Rivet holding pad on lock stud assembly sticks out	Tap rivet in with hammer
	Burr on pad	Remove burr with fine file
<b>Rip Fence</b>	Rip Fence	Rip Fence
Rip Fence won't lock in place	Back and/or front latch broken	Replace back and/or front latch
	Threads of lock rod stripped	Repalce lock rod
Rip Fence won't line up properly	Rip fence improperly aligned	Align Rip Fence
	Excessive pressure on fence during cut	Use less pressure
	Fence base locking bolts loose	Tighten bolts
	Setscrews in fence base rubbing against table	Back out setscrews
Rip Fence cannot be offset	No setscrews in fence base	Replace setscrews
	Foreign materials on rip fence and/or table	Clean rip fence and/or table
Rip Fence aligns with one table slot, but not the other	Rip fence bowed	Replace fence casting
	Table bar improperly aligned	Align bar
	Bar on front of table loose	Tighten bolts that hold bar to table
Wood rocks on Rip Fence	Rip fence bowed	Replace fence casting
	Wood bowed	Square your wood
Saw blade, Dado or Molder cuts into Rip Fence	Improper setup	Reset rip fence. Bolt wooden extension fence to rip fence.
Rip Fence won't disengage easily	Spring on lock rod broken	Replace spring.

<b>Problem</b>	<b>Possible Cause</b>	<b>Remedy</b>
Extension Table	Extension Table	Extension Table
Extension Table not level with work table	Extension table offset slightly	Loosen bolts holding extension table to base and insert shims, as needed
Extension table difficult to mount	Accessory mount handle blocking holes	Loosen handle
	Tubes dirty	Clean and lubricate tubes
	Burrs in holes or on tubes	Remove burrs with fine file or emery paper
	Tubes bent or pinched	Replace base assembly
	Tubes bowed in or out	Try to bend tubes slightly. If this doesn't work, replace base assembly