

Troubleshooting the Most Common Mark V Problems

Most Common Shopsmith Mark V Problems and Their Remedies

Symptom	Solution
Machine bogs down when ripping	Re-tension the Poly-V Belt to have no less than 1/8-inch deflection
Circuit breaker blows when you turn machine on	Check to see if you turned off your machine on high speed. If so, unplug your machine and install the sanding disc. Rotate the disc counter-clockwise by hand while turning the speed dial to slow
Speed dial is difficult to turn	Oil sheaves. Check speed control quadrant assembly for lubrication
Nothing happens when turning machine on	Check for loose wires. Replace switch, if necessary
Depth control dial won't lock	Check serrated washers. Clean with wire brush or replace
Bit drills deeper than setting on depth dial	Check quill spring housing to see if spring has slipped. Make sure indentation on quill spring housing aligns with setscrew used to lock housing in place
Headstock is difficult to slide on way tubes	Wax (or rotate) way tubes
Saw blade hits table insert when tilting table to 45-degrees	Extend quill to achieve necessary clearance
Sandpaper difficult to remove from disc	Heat in oven, with iron or heat gun to soften glue
Headstock lock squeaks when tightening	Clean threaded rod with wire brush, then lubricate with powdered graphite