



TRUBLE SHOOTING GUIDE

SPB 30, 40, 60 and 90 LB CLASS PAVING BREAKERS
PROBLEMS, PROBABLE CAUSES AND SOLUTIONS

PROBLEM	PROBABLE CAUSES	SOLUTION
Tool Runs Sluggishly	Low air pressure at tool	Increase pressure to 90-100 PSI (620 to 689kPa) 6 bar
	Insufficient air flow (CFM)	Check hoses for leaks or blockage.
	Automatic valve clogged	Flush tool with mixture of oil and kerosene or non flammable parts cleaner.
	Insufficient lubrication of air	Add a small amount of light-weight Non-detergent oil into hose. Alternatively use a pressure feed line oiler (see S-P accessories). Keep built-in oiler full of proper wt. oil.
	Excessive moisture in air	Install adequately sized moisture separator in air line between tool and compressed air tank. Drain air tanks and air piping regularly.
Tool Runs Erratically	OSHA Valve nuisance tripping	Inspect valve for proper sizing and function.
	Foreign material in tool inlet	Remove Foreign Material, clean screen.
	Improper tightening of handle to cylinder	Check handle bolts are equally and correctly torqued to the recommended 100 ft. lbs.
	Automatic valve sticking	Flush Tool With Mixture of Oil and kerosene. Reduce Amount of Oil/Moisture to Tool
	Front bushing or steel shank worn	Check for wear in steel bushing on hammer (in nose) or on steel shank and replace if necessary
Tool Will Not Run (Air Blows thru Exhaust)	Automatic valve stuck	Flush Tool with Mixture of Oil and kerosene of non-flammable cleaning fluid.
Tool Continues to Run (Does Not Shut Off)	Throttle valve stuck	Flush Tool with Mixture of Oil and kerosene of non-flammable cleaning fluid, oil lightly.
	Damaged throttle valve or "O" rings or missing "O" rings	Replace defective or missing parts.
	Throttle valve broken	Replace defective or missing parts.
Excessive Recoil	Air pressure too high at tool	Reduce pressure to 90-100 PSI (620 to 689kPa) 6 bar
	Dull cutting edge on steel	Replace with Sharp Steel
Excessive Breakage of Retainer Latch	Collar of steel striking retainer	Exert sufficient down pressure to keep point against work surface.
	Air pressure tool high at tool	Reduce Pressure to 90 to 100 PSIG (620 to 689kPa) 6 bar
Rapid Wearing of Retainer	Collar of steel striking retainer	Exert sufficient down pressure to keep point against work surface. (dry-fire or free-running)
Steel Will not Fit Bushing	Steel shank does not match bushing	Use Steel with correct shank
Steel Will not Fit Retainer	Steel shank does not match bushing	Use Steel with correct shank. Some round and HD steel may have large diameter shaft.

If the suggested remedies fail to correct problem, disassembly and inspection must be performed to determine cause.



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