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ENDURAMAXX

TROUBLESHOOTING PUMPS GUIDE

PROBLEM	CAUSE	SOLUTION
Pump will not turn on	Bad electrical connection	Check battery connections
	Short in wires	Check condition of wires
	Locked drive	Replace diaphragm assembly
	Faulty pressure switch	Replace pressure switch assembly
	Incorrect voltage	Check voltage ($\pm 10\%$)
	Fuse Blown	Check and/or replace fuse
Pump will not prime	Out of product	Refill supply container
	Inlet air leak	Tighten fittings/ Replace cracked fittings
	Inlet/ Outlet tube restriction	Remove restriction
	Incorrect voltage	Check voltage ($\pm 10\%$)
	Clogged intake valves	Remove obstruction
	Clogged intake tube	Remove obstruction
Low pressure/ flow	Worn wobble plate	Replace diaphragm assembly
	Worn diaphragm	Replace diaphragm assembly
	Worn pressure switch	Replace pressure switch assembly
	Inlet/ Outlet tube restriction	Remove restriction
	Incorrect voltage	Check voltage ($\pm 10\%$)
	Clogged intake valves	Remove obstruction
	Clogged intake tube	Remove obstruction
	Inlet air leak	Tighten fittings/ Replace cracked fittings
Pump leaks	Loose fasteners	Tighten fasteners
	Pump seals degraded	Replace pump head assembly
	Leak in diaphragm	Replace diaphragm assembly
Pump cycles while not spraying	Leak in the system	Tighten leaking hose clamps/ fittings
	Faulty pressure switch	Replace pressure switch assembly
	Incorrect voltage	Check voltage ($\pm 10\%$)
	Air trapped in system	Purge the air from the system
Rough operation	Flexible mounting surface	Mount pump on rigid surface
	Loose pump head	Tighten fasteners
	Compressed base feet	Decompress base feet
	Rigid plumbing	Plumb pump with flexible plumbing