

TROUBLESHOOTING

SYMPTOM	CAUSE	CURE
Engine doesn't start	Low voltage on glow-driver battery	Replace/recharge battery
	Bad glow plug	Replace glow plug
	Insufficient fuel prime	Repeat priming procedure
	Flooded owing to excessive priming	Remove plug, and rotate prop to clear cylinder of fuel
	Pressure lines and fuel lines are reversed	Remove fuel lines and reinstall them correctly
	Needle valve not set properly	Set adjustment needles to factory settings for starting
Engine starts and then quits	CAUSE	CURE
	Idle set too low	Reset idle for higher rpm
	Low-speed needle is set too rich	Lean out low-speed mixture
	Low-speed needle is set too lean	Richen low-speed mixture
	Glow plug is loose	Tighten glow plug
	Glow plug is bad	Replace glow plug
	Mixture is too rich	Lean out main needle valve 1 1/2 turn
Engine bogs when full throttle is applied	CAUSE	CURE
	Low-speed needle is set too rich	Lean out low-speed mixture
	Low-speed needle is set too lean	Richen low-speed mixture
	Glow plug is too cold	Install hotter glow plug
	Mixture is too rich	Lean out main needle valve
	Mixture is too lean	Richen main needle valve
Engine idles erratically	Air leak (hole) in pressure or fuel lines	Replace lines
	Low-speed needle set too lean	Richen low-speed mixture
	Bad glow plug	Replace glow plug
Engine doesn't reach full power	CAUSE	CURE
	Mixture is too rich	Lean out main needle valve
	Mixture is too lean	Richen main needle valve