

Troubleshooting

Problem	Possible Cause	Correction
Won't start or run	Foreign debris in muffler	Check and clean muffler exhaust
	No Gas	Add gas to tank. Turn fuel valve on.
	Spark plug not connected	Connect spark plug wire
	No Oil	Check and add oil
Alternator Excitation Failure	Low speed	Check rpm and set at nominal value
	Faulty capacitor	Check and replace
	Faulty Windings	Check windings resistance
High no-load voltage	Speed too High	Check and adjust rpm
	Capacitor with high capacity	Check and replace
Low no-load voltage	Speed too low	Check and adjust rpm
	Faulty rotary diodes	Check and replace
	Breakdown in windings	Check winding resistance
	Capacitor with low capacity	Check and replace
Proper no-load but low loaded voltage	Low loaded speed	Check and replace
	Load too big	Check winding resistance
	Capacitor with low capacity	Check and replace
Proper no-load but high loaded voltage	High speed in load condition	Check and regulate rpm
Unstable voltage	Loose contacts	Check connections
	Change in engine speed	Check and regulate rpm
Tank Expansion		Fuel cap not venting