

TROUBLE SHOOTING CHART

(CARBURETOR)

Troubles	Probable Cause	Remedy	Procedure
Engine will not start	Fuel cock in the closed position.	Position cock to the open position.	
	Insufficient fuel.	Pour fuel or position cock to RES position.	
	Excessive use of choke has resulted in carburetor flooding.	Clean spark plug	Perform starting with the choke lever opened and the throttle at full open.
	Clogged or frozen fuel line.	Clean	<ul style="list-style-type: none"> • Clogged air vent icing condition, dirt clogged in valve. • Clean water which has accumulated in the float chamber (exercise care if water is frozen). • Condition outside of the carburetor will be clogged tank vent, strainer clogged with dirt or ice, clogging of the fuel lines.
	Flooding	Repair	Refer to section on flooding
Poor idling performance	Readjust air screw	Adjust	Turn the air screw in all the way lightly and then back off to the standard setting of 1-3/8 open. Start the engine and turn the air screw back and forth approximately 1/8 turn to locate the point where the engine speed is the highest. Finally, set the idle speed with the throttle stop screw
	Throttle stop screw	Adjust	Turning screw in will result in increased engine speed. Turning screw out will result in decreased engine speed. When turning screw out will not effect decrease in engine speed, adjust with the cable adjuster.
	Clogged slow jet or loosened jet	Clean or retighten the jet.	When slow jet is clogged, disassemble the carburetor, remove the screw and clean out with compressed air.
	Carburetor flooding	Repair	Refer to section on flooding
Poor intermediate speed performance	Clogged slow jet or loosened jet.	Clean or retighten the jet.	Refer to section above
Not able to operate at cruising speed	Clogged air vent pipe	Clean	Remove the air vent pipe and clean.
	Float level	Adjust float level	If needle valve is worn, replace with a new part.
	Improper setting of the jet needle	Adjust if necessary	Normally set the needle to the third step, however, there may be a difference of one step for winter and summer.