

## FUEL SYSTEM TROUBLE SHOOTER

PROBLEM	CAUSE	SOLUTION
<b>Flooding</b>	1. Improper seating or damaged float needle	1. Check and replace parts valve or seat as necessary.
	2. Incorrect float level	2. Adjust float level.
	3. Fuel pump has excessive pressure	3. Check fuel pump.
<b>Excessive fuel consumption</b>	1. Engine out of tune	1. Tune engine.
	2. Float level too high	2. Adjust float level.
	3. Loose plug or jet	3. Tighten plug or jet.
	4. Defective gasket	4. Replace gaskets.
	5. Fuel leaks at pipes or connections	5. Trace leak and rectify.
	6. Choke valve operates improperly	6. Check choke valve.
	7. Obstructed air bleed	7. Check and clear.
<b>Stalling</b>	1. Main jet obstructed	1. Clean main jet.
	2. Incorrect throttle opening	2. Adjust throttle.
	3. Slow-running adjustment incorrect	3. Adjust slow-running.
	4. Slow-running fuel jet blocked	4. Clean jet.
	5. Incorrect float level	5. Adjust float level.
<b>Poor acceleration</b>	1. Defective accelerator pump (if fitted)	1. Overhaul pump.
	2. Float level too low	2. Adjust float level.
	3. Incorrect throttle opening	3. Adjust throttle.
	4. Defective accelerator linkage	4. Adjust accelerator linkage.
	5. Blocked pump jet	5. Clean pump jet.
<b>Spitting</b>	1. Lean mixture	1. Clean and adjust carburettor.
	2. Dirty carburettor	2. Clean carburettor.
	3. Clogged fuel pipes	3. Clean or replace pipes.
	4. Manifold draws secondary air	4. Tighten or replace gasket.
<b>Insufficient fuel supply</b>	1. Clogged carburettor	1. Dismantle and clean carburettor.
	2. Clogged fuel pipe	2. Clean fuel pipe.
	3. Dirty fuel	3. Clean fuel tank.
	4. Air in fuel system	4. Check connections and tighten.
	5. Defective fuel pump	5. Repair or replace fuel pump.
	6. Clogged fuel filter	6. Clean or replace filter.
<b>Loss of fuel delivery</b>	1. Pump faulty (electric)	1. Replace pump.
	2. Slotted body screws loose	2. Tighten body screws.
	3. Diaphragm cracked	3. Overhaul fuel pump.
	4. Loose fuel pipe connections	4. Tighten fuel pipe connections.
	5. Defective valves	5. Replace valves
	6. Cracked fuel pipes	6. Replace fuel pipes.
<b>Noisy pump</b>	1. Loose pump mounting	1. Tighten mounting bolts.
	2. Worn or defective rocker arm (if manual)	2. Replace rocker arm.

	3. Broken rocker arm spring (if manual)	3. Replace spring.
--	-----------------------------------------	--------------------

