

TROUBLESHOOTING

ENGINE CRANKS BUT WON'T START

- No fuel to carburetor
- Engine flooded with fuel
- No spark at plug (ignition system faulty)
- Clogged air cleaner
- Intake air leak
- Improper choke operation
- Improper throttle operation

ENGINE IDLES ROUGHLY, RUNS POORLY OR STALLS

- Improper choke operation
- Ignition malfunction
- Fuel contaminated
- Intake air leak
- Incorrect idle speed
- Incorrect pilot screw adjustment
- Low cylinder compression
- Choke stuck open
- Rich mixture
- Lean mixture
- Clogged carburetor

MISFIRING DURING ACCELERATION

- Ignition system faulty
- Lean mixture

AFTERBURN DURING ACCELERATION

- Ignition system faulty
- Lean mixture

POOR PERFORMANCE (DRIVEABILITY) AND POOR FUEL ECONOMY

- Fuel system clogged
- Ignition system faulty
- Air cleaner clogged

AFTERFIRING

- Ignition system malfunction
- Carburetor malfunction
- Lean mixture
- Rich mixture

LEAN MIXTURE

- Clogged fuel jets
- Faulty float valve
- Float level too low
- Blocked fuel fill cap air vent hole
- Clogged fuel strainer screen
- Restricted fuel line
- Clogged air vent tube
- Intake air leak

RICH MIXTURE

- Clogged air cleaner
- Worn jet needle or needle jet
- Faulty float valve
- Float level too high
- Choke stuck open

INCORRECT FAST IDLE SPEED

- Choke stuck open
- Worn piston rings