
TROUBLESHOOTING

Engine cranks but won't start

- No fuel in tank
- No fuel to carburetor
 - Clogged fuel strainer
 - Clogged fuel line
 - Clogged fuel tank breather hose
- Too much fuel getting to the engine
 - Clogged air cleaner
 - Flooded carburetor
- Intake air leak
- Contaminated/deteriorated fuel
 - Clogged jets
- Improper choke operation
- Improper throttle operation
- No spark at plug (faulty ignition system – page 4-3)

Lean mixture

- Clogged fuel jets
- Faulty float valve
- Float level too low
- Restricted fuel line
- Clogged carburetor air vent hose
- Restricted fuel tank breather hose
- Intake air leak
- Faulty throttle valve

Rich mixture

- Choke valve closed
- Clogged air jets
- Faulty float valve
- Float level too high
- Dirty air cleaner
- Worn jet needle or needle jet

Engine stalls, hard to start, rough idling

- Restricted fuel line
- Fuel mixture too lean/rich
- Contaminated/deteriorated fuel
 - Clogged jets
- Intake air leak
- Misadjusted idle speed
- Restricted fuel tank breather hose
- Dirty air cleaner
- Misadjusted pilot screw
- Faulty ignition system (page 4-3)

Afterburn when engine braking is used

- Lean mixture in slow circuit
- Faulty PAIR control valve
- Faulty PAIR check valve
- Clogged hose of the PAIR system
- Faulty ignition system (page 4-3)

Backfiring or misfiring during acceleration

- Lean mixture
- Faulty ignition system (page 4-3)

Poor performance (driveability) and poor fuel economy

- Clogged fuel system
- Fuel mixture too lean
- Faulty ignition system (page 4-3)