

### Troubleshooting

#### Engine won't start

- No fuel to carburetor
  - No fuel in fuel tank
  - Fuel filter clogged
  - Fuel line clogged
  - Float valve stuck
  - Float level misadjusted
  - Fuel tank breather hole clogged
  - Fuel pump malfunction
- Too much fuel getting to the engine
  - Air cleaner clogged
  - Flooded carburetor
- Intake air leak
- Fuel contaminated/deteriorated
- Bystarter circuit clogged

#### Lean mixture

- Fuel jets clogged
- Float valve faulty
- Float level too low
- Fuel line restricted
- Carburetor air vent tube clogged
- Intake air leak
- Fuel pump malfunction
- Throttle valve operation faulty

#### Rich mixture

- Bystarter valve in ON position
- Float valve faulty
- Float level too high
- Air jets clogged
- Air cleaner element contaminated
- Flooded carburetor

#### Engine stalls, hard to start, rough idling

- Fuel line restricted
- Ignition malfunction
- Fuel mixture too lean/rich
- Fuel contaminated/deteriorated
- Intake air leak
- Idle speed misadjusted
- Fuel pump malfunction
- Air screw misadjusted
- Bystarter circuit clogged
- Float level misadjusted
- Fuel tank breather hole clogged

#### Afterburn when engine braking is used

- Lean mixture in slow circuit

#### Backfiring or misfiring during acceleration

- Ignition system faulty
- Fuel mixture too lean

#### Poor performance (driveability) and poor fuel economy

- Fuel system clogged
- Ignition malfunction