

## Troubleshooting

### Engine Won't Start

- Too much fuel getting to the engine
  - Air cleaner element clogged
  - Flooded carburetors
- Intake air leak
- Fuel contaminated/deteriorated
- Slow circuit or bystarter circuit clogged
- No fuel to carburetors
  - Fuel strainer clogged
  - Fuel tube clogged
  - Float valve stuck
  - Float level misadjusted
  - Fuel tank breather tube clogged

### Lean Mixture

- Fuel jets clogged
- Float valve faulty
- Float level too low
- Fuel line restricted
- Carburetor air vent hole (or tube) clogged
- Intake air leak
- Throttle valve faulty
- Vacuum piston faulty

### Rich Mixture

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

### 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
- Float level misadjusted
- Fuel tank breather hole clogged
- Pilot screw misadjusted
- Slow circuit or bystarter circuit clogged

### Afterfiring When Engine Braking Is Used

- Lean mixture in slow circuit.
- Emission control system malfunction (SW, AR type only)
  - secondary air supply system faulty
  - loose, disconnected or deteriorated hoses of the emission control system

### Backfiring Or Misfiring During Acceleration

- Ignition system faulty
- Fuel mixture too lean

### Poor Performance (Driveability) And Poor Fuel Economy

- Fuel system clogged
- Ignition malfunction
- Emission control system malfunction (SW, AR type only)
  - secondary air supply system faulty
  - loose, disconnected or deteriorated hoses of the emission control system