

# 4. FUEL SYSTEM

SERVICE INFORMATION	4-1	FLOAT CHAMBER	4-7
TROUBLESHOOTING	4-2	THROTTLE VALVE	4-11
FUEL TANK	4-3	CARBURETOR INSTALLATION	4-13
AIR CLEANER CASE	4-4	PILOT SCREW ADJUSTMENT	4-13
CARBURETOR CHOKE	4-5	HIGH ALTITUDE ADJUSTMENT	4-14
CARBURETOR REMOVAL	4-6		

## SERVICE INFORMATION

### GENERAL

- Use caution when working with gasoline. Always work in a well ventilated area away from sparks or flames.
- When disassembling fuel system parts, note the locations of the O-rings. Replace them with new O-rings during reassembly.
- The carburetor float bowl has a drain screw that can be loosened to drain gasoline.

### CAUTION:

*Do not bend or twist control cables. Damaged control cables will not operate smoothly and may stick or bind.*

### SPECIFICATIONS

Fuel tank capacity 9.8 liter (2.6 US gal, 2.16 Imp. gal)  
Fuel reserve capacity 1.8 liter (0.46 US gal, 0.39 Imp. gal)  
Carburetor

\*\* : After '86

Identification mark	QA02A, **QA08A
Type	Dual valve
Venturi diameter	27 mm (1.06 in)
Float level	18.5 mm (0.73 in)
Pilot screw opening	2 turns out, **1-1/4 turns out
Idle speed	1,400 ± 100 rpm
Main jet	# 130
Slow jet	# 38
Throttle lever free play	3-8 mm (1/8-5/16 in)
Jet needle	4BD - 2nd groove

### TORQUE VALUES

Intake pipe bolt 10-14 N·m (1.0-1.4 kg-m, 7-10 ft-lb)  
Intake pipe band 3-5 N·m (0.3-0.5 kg-m, 2-4 ft-lb)

### TOOL

**Common**  
Float level gauge 07401-0010000