

SERVICE INFORMATION	5-1	CARBURETOR DISASSEMBLY	5-6
TROUBLESHOOTING	5-2	CARBURETOR ASSEMBLY	5-9
FUEL TANK	5-3	CARBURETOR INSTALLATION	5-13
AIR CLEANER HOUSING	5-4	PILOT SCREW ADJUSTMENT	5-14
SUB-AIR CLEANER	5-4	SECONDARY AIR SUPPLY SYSTEM	5-15
CARBURETOR REMOVAL	5-4		

## SERVICE INFORMATION

5

### GENERAL

#### ▲ WARNING

- *Gasoline is extremely flammable and is explosive under certain conditions. KEEP OUT OF REACH OF CHILDREN.*
  - *If the engine must be running to do some work, make sure the area is well-ventilated. Never run the engine in an enclosed area. The exhaust contains poisonous carbon monoxide gas that may cause loss of consciousness and lead to death. Run the engine in an open area or with an exhaust evacuation system in an enclosed area.*
- 
- Work in a well ventilated area. Smoking or allowing flames or sparks in the work area or where gasoline is stored can cause a fire or explosion.

#### CAUTION:

- *Be sure to remove the diaphragms before cleaning air and fuel passages with compressed air. The diaphragms might be damaged.*
  - *Do not remove the sub-air cleaner tube joint except the replacement.*
- 
- Before disassembling the carburetor, place an approved fuel container under the float chamber, loosen the drain screw and drain the carburetor.
  - After removing the carburetor, cover the intake port of the cylinder head with shop towel to prevent any foreign material from dropping into the engine.
  - When disassembling the fuel system parts, note the locations of the O-rings. Replace them with new ones on reassembly.
  - The float chamber can be serviced with the carburetors combined.

### SPECIFICATIONS

ITEM	SPECIFICATIONS
Carburetor identification number	VK6AA
Main jet	#115
Slow jet	#35
Pilot screw opening	See page 5-14
Float level	13 mm (0.5 in)
Idle speed	1,400 ± 100 min <sup>-1</sup> (rpm)
Throttle grip free play	2 – 6 mm (1/12 – 1/4 in)

### TORQUE VALUES

Reed valve cover bolt 5.2 N·m (0.53 kgf·m, 3.8 lbf·ft)

### TOOL

Float level gauge 07401 – 0010000