

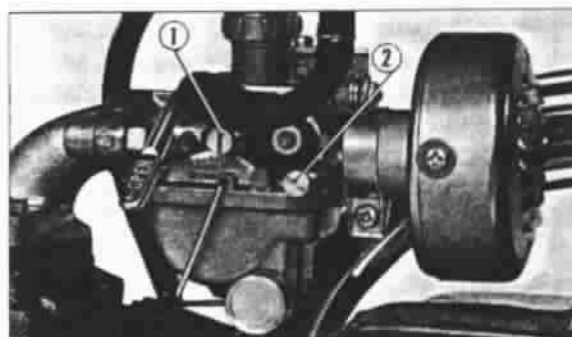
Item		Specification
Setting mark		Z50M II
M.J. (Main Jet)		# 50
A.J. (Air Jet)		# 100
A.B. (Air Bleed)	AB 1	0.5×2
	AB 2	—
	AB 3	—
	AB 4	0.5×2
	AB 5	0.5×2
N.J. (Needle Jet)	2.1 mm (0.083 in.) × 3R	
J.N. (Jet Needle)	2°, 2 Steps, 2.05 mm (0.0907 in.)	
C.A. (Cut away)	# 2 (Cut away), Width 1 mm (0.0394 in.) Depth 0.2 mm (0.0079 in.)	
A.S. (Air Screw)	1 $\frac{3}{8}$ ± $\frac{1}{8}$	
P.J. (Pilot Jet)	# 38	
V.S. (Valve Seat)	0.6 mm (0.024 in.)	
B.P. (By-pass)	0.9 mm (0.035 in.) P=5.3 mm (0.209 in.)	
Main Bore	9 mm (0.354 in.)	
Fuel Level	18 mm (0.709 in.)	

### B. Removal

1. Turn the fuel cock to the OFF position and disconnect the fuel tube from the carburetor.
2. Remove the cap and disconnect throttle cable from the throttle valve.
3. Unscrew the two carburetor mounting bolts to remove the carburetor.
4. Loosen the air cleaner tube connecting clamp and separate the air cleaner assembly from the carburetor.
5. Remove air cleaner cover and lift out the air cleaner element.

### C. Inspection

1. Washing the components  
After the carburetor has been disassembled, wash the parts in solvent (or gasoline) and dry with compressed air.
2. Inspecting the float  
Shake the float to see if there are any gasoline contained inside or for any deformation of the float. If the float contain the gasoline or is deformed, replace it with a new float.
3. Carburetor adjustment
  - a. Adjusting the idle  
The idling is adjusted in the following manner with the throttle stop screw and the air screw.
    - (1) Sets the engine to the proper idling speed (1200 rpm) with the throttle stop screw.



① Throttle stop screw ② Air screw  
Fig. 53