

contact with or a clearance of 0.1 mm (0.004 in) exist between the float arm.

- (b) In this position, the distance between the base of the float and the carburetor body (2) should measure 21.0 mm (0.827 in). If adjustment is required, carefully bend the float arm by the proper amount.

CAUTION:

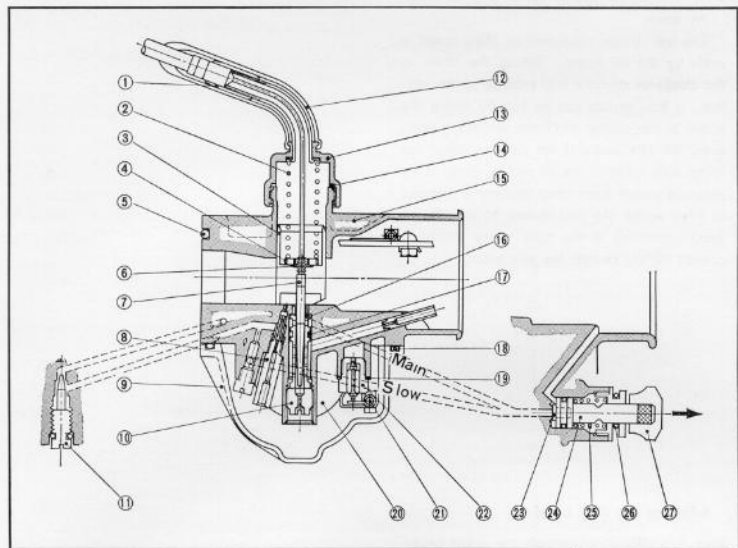
A spring is incorporated in the base of the float valve, therefore if the float arm is pressed against the valve, the spring will recede into the valve and true indication will not be obtained. Careful observation must be made to accurately detect the point of contact between the float arm and the float valve.

(CT 90 Model From Frame No. 000001A)

An altitude selector knob is incorporated in the carburetor of the CT 90 model starting with frame serial No. CT 90-000001A/engine serial No. CT 90E-000001A. This makes available optimum carburetor performance for normal or high altitude motorcycle operation.

Pull the knob out for riding at altitude of 6,000 feet above sea level. This will provide additional supply of air to the needle jet from the main air supply passage. At the same time, additional is also supplied to slow jet from the slow system air passage, to lean out the fuel mixture.

Pushing in the knob will close off the air supply to both the slow and main systems.



- ① Throttle cable adjuster
- ② Throttle spring
- ③ Throttle valve
- ④ Needle clip plate
- ⑤ O ring
- ⑥ Bar clip
- ⑦ Jet needles
- ⑧ Slow jet
- ⑨ Float chamber body

- ⑩ Main jet
- ⑪ Air screw
- ⑫ Rubber cap
- ⑬ Top
- ⑭ Top washer
- ⑮ Body
- ⑯ Needle jet
- ⑰ O ring
- ⑱ O ring

- ⑲ Washer
- ⑳ Float
- ㉑ Float arm pin
- ㉒ Float valve
- ㉓ Rubber cap
- ㉔ Check valve
- ㉕ Coil spring
- ㉖ Special clip
- ㉗ Knob