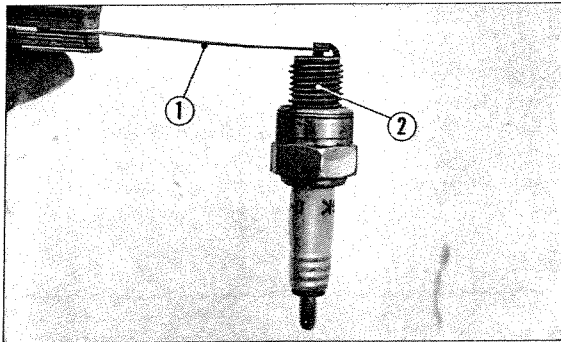


6. PERIODIC ADJUSTMENT



① Thickness gauge ② Spark plug
Fig. 6-9. Adjusting the spark plug gap

- b. Adjust the spark gap after cleaning. Set the gap to 0.6-0.7 mm (0.024-0.028 in.) by bending the electrode on the ground side. (Fig. 6-9)

Spark Plug Inspection

- a. Check the spark intensity produced between the gap of the ground and the center electrodes by observing the color.

Blue spark Good condition

Red spark Poor condition

Cause due to :

- 1. Low supply voltage
- 2. Defective ignition coil
- 3. Defective spark plug
- 4. Absence of sparking may also be due to compression

(Note)

- 1. Do not remove the deposits by burning.
- 2. When installing the spark plugs, clean the seating area free of oil or foreign matter and install finger tight before torquing with a plug wrench.
- 3. The spark plugs can be tested after adjustment with the plug tester. With the high tension voltage maintained constant, vary the test chamber pressure and inspect the condition of the spark.

6. FUEL SUPPLY SYSTEM

Restriction in the fuel supply system will prevent sufficient fuel flow to the carburetor and cause engine to sputter during acceleration or the engine may stall at high speed.

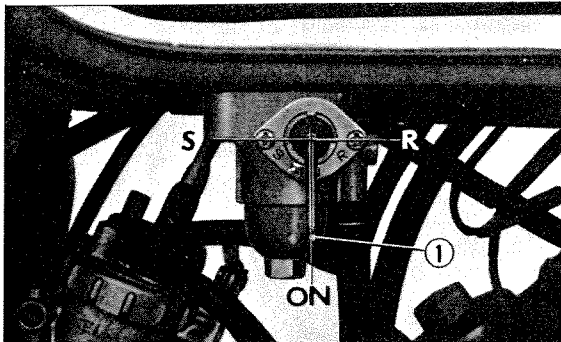
- a. Check for sufficient supply of fuel in the tank.
- b. Disconnect the fuel feed tube from the carburetor and check the fuel flow with the fuel cock in the ON or the RES position. (Fig. 6-10)
- c. If the fuel flow is insufficient, remove the fuel tank from the body and clean internally. When the flow is still inadequate, remove the fuel cock, disassemble and clean.

(Note)

- 1. The insufficient fuel flow may be caused by the plugged vent hole in the filler cap as well as the restriction in the fuel line. (Fig. 6-11)
- 2. The fuel cock is switched to RES (reserve) from the ON position when the fuel tank becomes empty. The reserve fuel supply contains approximately.
CB/CL175 : 1.8 ℓ (3.8 U. S. pts., 3.2 Imp. pts.)
CB/CL125 : 1.5 ℓ (3.2 U. S. pts., 2.6 Imp. pts.)

- d. Fuel strainer cleaning

The accumulation of dirt and water in the fuel cock strainer cup will cause a restriction in fuel flow, resulting in drop in engine speed and malfunction of the carburetor. Clean the cock, strainer and the filter screen at periodic interval.



① Fuel cock S: STOP R: RESERVE
Fig. 6-10.

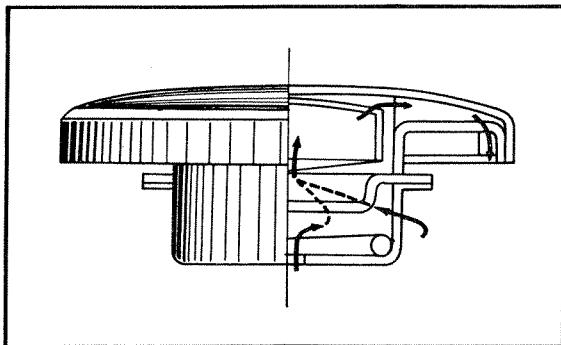


Fig. 6-11. Sectional view of the fuel tank cap