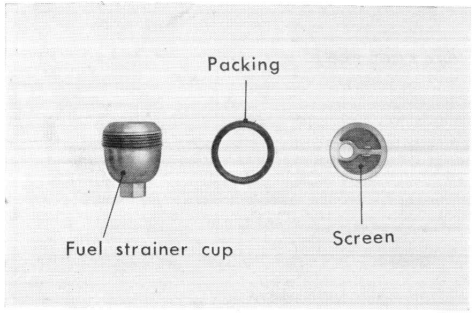

Figure 6-18. Cleaning fuel strainer

7. FUEL STRAINER CLEANING

The foreign substances contained in the fuel passes through the fuel line from the fuel tank and enters the strainer cup. The foreign substances and water, if not arrested will enter the cylinder and causes engine failure.

1. **Cleaning**
   a. Set the fuel cock lever to the STOP position.
   b. Remove the strainer cup.
   c. Clean inside the strainer cup and filter screen. **(Fig. 6-18)**

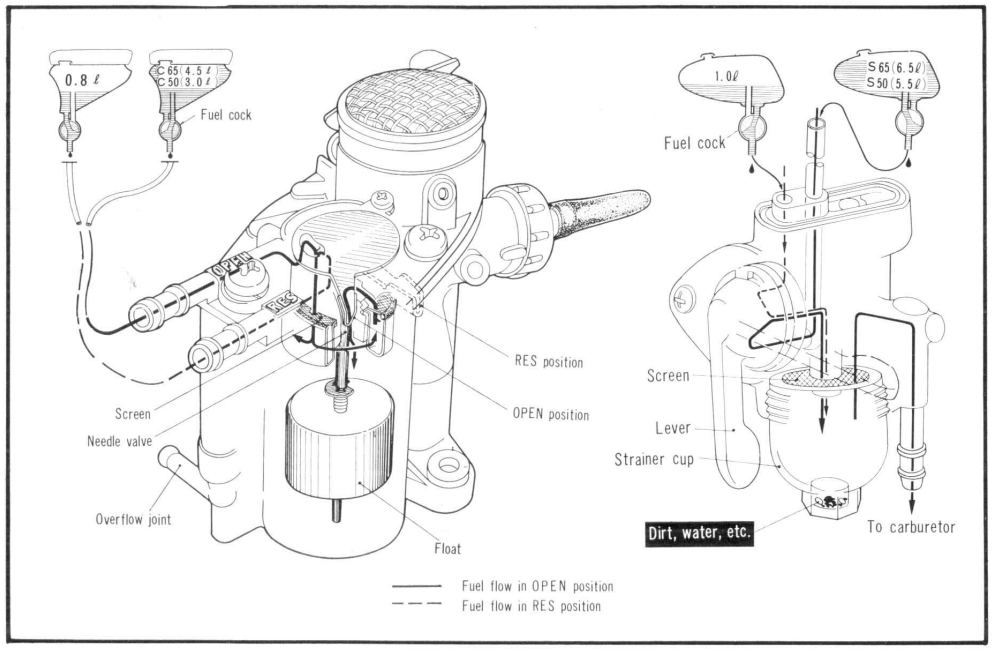

Figure 6-19. Fuel flow through the fuel cock

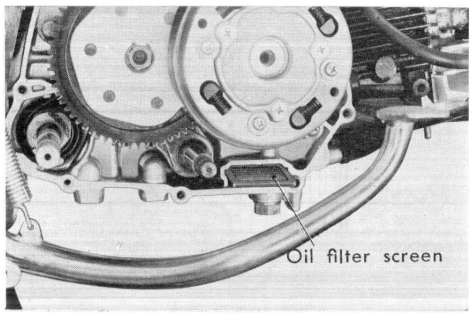

Figure 6-20. Cleaning oil filter screen

8. OIL FILTER SCREEN CLEANING

The engine oil is filtered through a system of double filters before being supplied to the various parts of the engine. When the impurities have accumulated in the filters to prevent its proper function, the oil supply to the various parts are starved and eventually result in seizure and damage to the engine. It is therefore important that the filters be cleaned periodically.

1. **Cleaning**

(1) Remove the kick pedal. (for S50 and S65, remove the oil pipe).

(2) Remove the right crankcase cover, pull out the oil screen and wash in gasoline. **(Fig. 6.20)**

(Caution)

(1) Install the oil fiter screen with the narrow tapered side toward the inside and the fin on the filter screen toward the bottom.

9. AIR CLEANER CLEANING

An air cleaner clogged with dust restricts the free passage of inlet air and result in power loss or drop in acceleration, therefore, to assure proper performance, periodic cleaning of the air cleaner should be performed.

1. **Removal (C50, C50M, C65, C65M)**
   a. Loosen the cap nut on top of the front cover and remove the air cleaner cover, then loosen nut on the inside and detach the air cleaner.
   b. For models S50 and S65, remove the air cleaner cover on the center right side, loosen the screw and remove the air cleaner. **(Fig. 6-21)**

2. **Cleaning**
   c. Tap the cleaner lightly to remove the dust and then blow dry compressed air from the inside or use a brush. **(Fig. 6-22)**

(Caution)

(1) The air cleaner is made of paper and if torn or damaged, replace with a new element.

(2) Oil or water on the cleaner element will render it ineffective and will cause dust to enter the engine cylinder, resulting in increased cylinder wear.

10. CLUTCH ADJUSTMENT

(S50, S65)

The function of the clutch is to transmit or disengage the rotary power produced by the engine to the transmission. If the gear is engaged without the clutch being completely disengaged, the vehicle will start moving with a jolt or the engine will stall out. On the other hand, if the clutch is slipping, the speed of the motorcycle will lag in relation to the engine speed.

1. **Lever play (S50, S65)**

There should be 1 to 1.5cm (0.4~0.6 in) of free play in the clutch lever before the clutch starts to disengage. **(Fig. 6-23)**

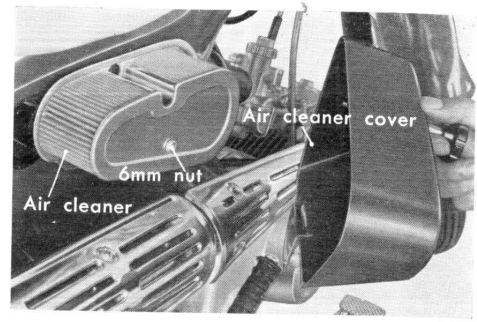

Figure 6-21. Removing air cleaner cover (S50, S65)

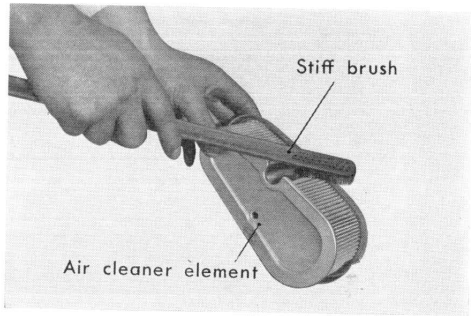

Figure 6-22. Cleaning air cleaner element

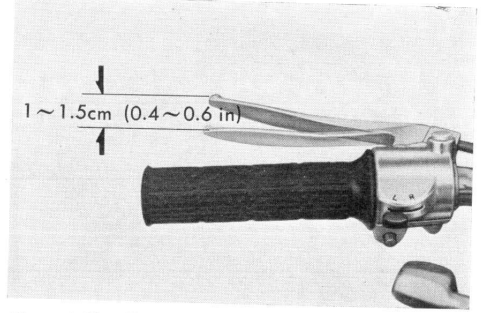

Figure 6-23. Clutch lever free play

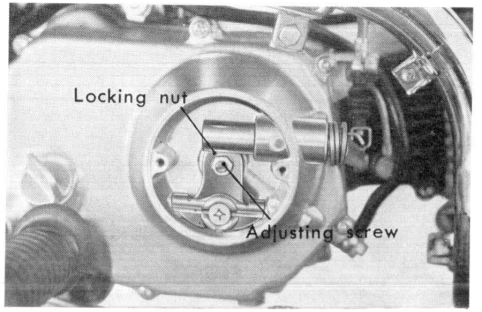

Figure 6-24. Adjusting the clutch (S50, S65)