

3. Clean oil pump strainer

Remove oil pan cover by unscrewing ten bolts (6 mm). Remove the oil pump strainer from the oil pump body and clean the strainer and oil pan cover with solvent. Fit the strainer to the pump body by the rubber clamp.

Attach the cover with a new gasket, and then inspect oil seepage around the cover by starting engine. (Fig. 19-5)

4. Check engine oil pressure

The oil pressure can be checked by removing the oil path cap on the right side of the crankcase and installing a pressure gauge adapter (Tool No. 07510-3000000), pressure gauge (Tool No. 07506-3000000) and running the engine. If the oil pressure is **50 to 64 PSI (3.5~4.5 kg/sq. cm)** at approximately **3000 rpm engine speed** and the oil temperature at **140°F (60°C)**, the condition is satisfactory. If the condition is unsatisfactory, refer to the section of Oil Pump on page 60. (Fig. 19-6)

5. Service spark plug

- (1) Remove the spark plugs with spark plug wrench for CB750. The spark plug which was removed must be inspected in detail. If the electrodes are excessively worn, deformed or if the porcelain is broken, the plug must be replaced. Inspect each spark plug for make and heat range. All plugs must be of same make and suitable heat range.
- (2) The spark plug which is satisfactory for reuse should be cleaned with a spark plug cleaner. If a spark plug cleaner is not available, use wire brush or a stiff pointed wire to remove any carbon deposits from the electrodes and also from around the tip of the porcelain insulator; followed by washing it thoroughly in solvent and then drying with a rag.
- (3) If necessary, adjust the gap to a standard value of **0.024~0.028 in. (0.6~0.7 mm)** by bending the ground electrode. Check the electrodes gap with a thickness gauge.
- (4) If a spark plug tester is available, the plug should be tested to assure that its condition is satisfactory. Any plug that is found to be poor in performance should be replaced.
- (5) Use the spark plug wrench to install the plug. Insert the plug into the wrench socket, position the threaded end of the plug squarely against the spark plug hole to prevent cross-threading and carefully screw the plug into the hole by turning the socket by hand until finger tight. Complete tightening by attaching the bar handle on the plug wrench and **torque 1/2~3/4 turn.**

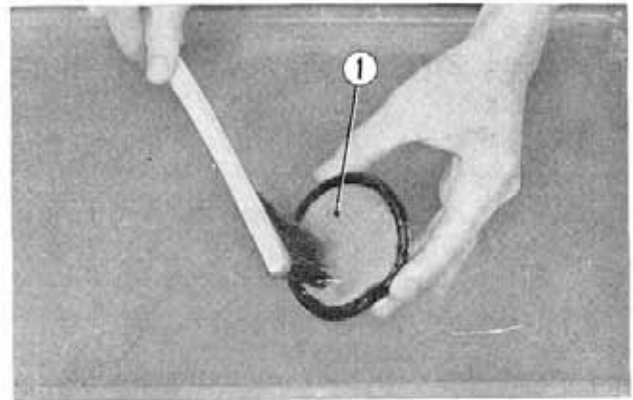


Fig. 19-5 ① Oil strainer

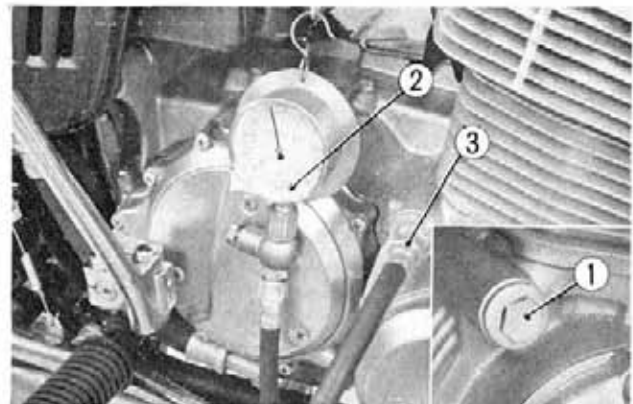


Fig. 19-6 ① Oil path cap ② Oil pressure gauge ③ Adapter

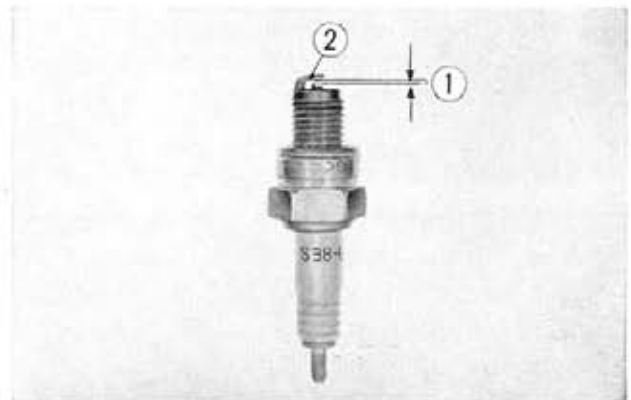


Fig. 19-7 ① Spark plug gap ② Ground electrode