

months or 6,000 miles (10,000 km) service. As this check requires a special oil pressure gauge it should be done at your HONDA dealer.

### **3. Cleaning Oil Pump Strainer**

The oil pump strainer is located under the oil pump inside the crankcase oil pan. Remove the crankcase oil pan by removing ten retaining bolts. Dismantle the oil pump strainer. Clean the pump strainer and sump pan thoroughly and re-install.

This operation must be performed by a qualified mechanic and should be done during the 24 months or 12,000 miles (20,000 km) service.

### **SPARK PLUGS**

The NGK D-7ES or DENSO X22ES spark plug is used as standard equipment on

the CB500. For most riding conditions this spark plug heat range number is satisfactory. However, if the motorcycle is going to be operated for extended periods at extremely high speeds and near maximum power in hot climates, the spark plugs should be changed to a colder heat range number.

### **Servicing of the spark plug is as follows**

- a. Detach the high tension cord cap and remove the spark plug with the special wrench provided in the tool kit.
- b. Inspect the electrodes and center porcelain of the spark plug for deposits, eroded electrodes, or carbon fouling. If the spark plug deposits are heavy, or the electrodes appear to be eroded excessively, replace the spark plug with a new one. If the spark plug is carboned or wet fouled, the plug can be cleaned with a spark plug cleaner.