

Fig. 156 Ignition coil test
① Ignition coil

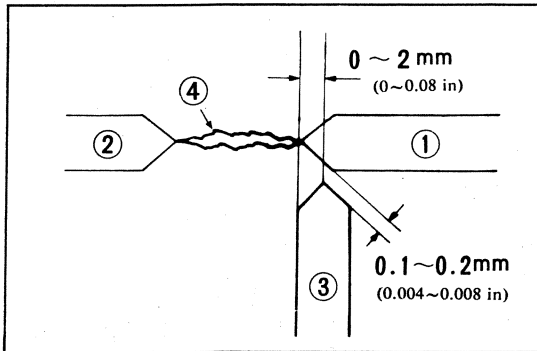


Fig. 157 ① No.1 electrode ② No.2 electrode
③ No.3 electrode ④ Spark

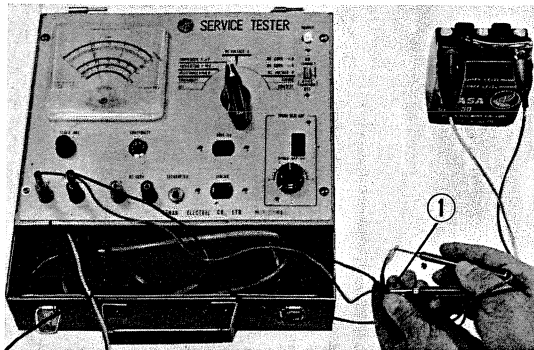


Fig. 158 Condenser test
① Condenser

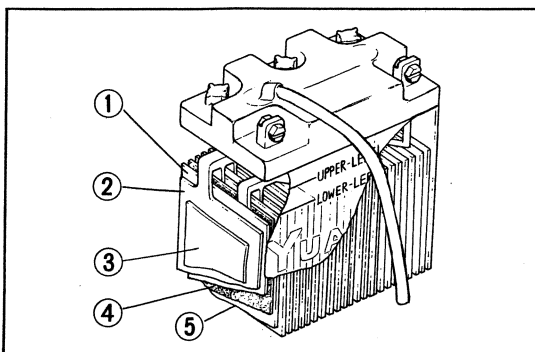


Fig. 159 Battery construction
① Separator plate ② Cathode plate ③ Separator plate
④ Glass mat ⑤ Anode plate

- ④ Connect the ignition primary cord to the tester and connect the opposite terminal end to the primary terminal of the coil. Connect the white lead with (∧) type plug to the blue terminal of the ignition coil (primary side) and the red tester lead to the black terminal of the ignition coil. (Fig. 156)
- ⑤ Connect the red tester high tension cord to the high tension cord of the ignition coil.
- ⑥ Turn the selector knob to the COIL TEST position.
- ⑦ Adjust the three point spark tester to maintain maximum distance of spark by turning the control knob while observing the spark condition and then measure the spark distance.
- ⑧ If the spark plug distance is less than 6 mm (0.24 in.), the spark plug is un-serviceable.

2) Condenser test (Fig. 158)

- 1) Connect the 6V battery power source to the tester.
- 2) Turn the selector knob to the "CONDENSER" position.
- 3) Apply one of the tester lead probes to the condenser body, and then read the meter indication. If it measures between 0.21–0.26 μF , the condenser is satisfactory. Condenser indicating less than 0.21 μF should be replaced.

4. BATTERY

A. Construction

The construction and name of the component parts are shown in the figure. The type of battery having the specifications shown below is installed in these models. (Fig. 159)

Type	6N6-3B
Voltage	6V
Capacity	6AH (at 10 hr rate)
Charging current	0.6A
Specific gravity of electrolyte (when fully charged)	1.260–1.280 at 20°C (68°F)