

4. Condenser Capacity

Measure with distributor tester and replace if outside the specified value.

Standard capacity 0.20 ~ 0.24 μ F

Caution: Insufficient or excessive capacity will cause the secondary voltage to drop and result in sparking and burning of contact points. Insufficient capacity will cause projections to form on the plus (arm) side and excessive capacity will cause it to form at the minus side.

Purpose of Condenser

The inductance of ignition coil causes spark to form at contact point when the current is broken and allows the current to continue flowing. The purpose of the condenser is to absorb this spark suitably and obtain high secondary voltage. When the spark forms at the instant the points open, if it was not for the condenser, the breaking of the ignition coil primary current would be delayed and since the current would die down slowly, the voltage induced in the secondary side would be low.

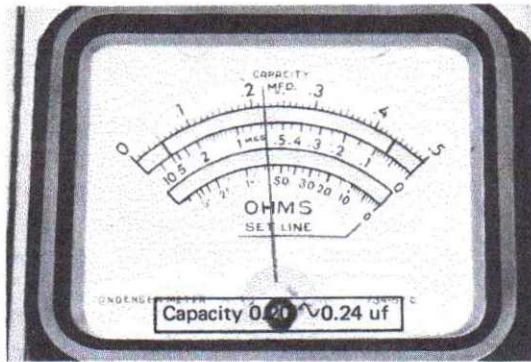


Fig. 9-22 Condenser Capacity

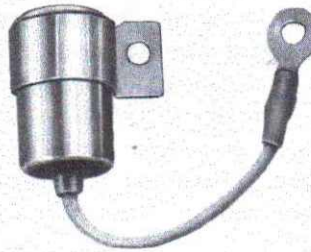


Fig. 23 Condenser