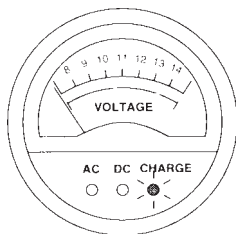


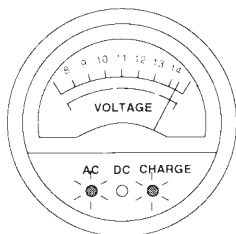
(A)

BATTERY



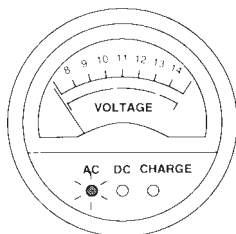
(B)

BATTERY



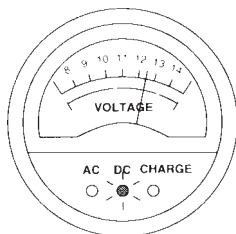
(C)

BATTERY



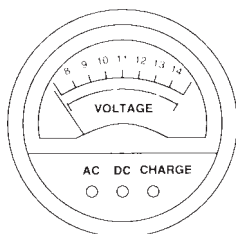
(D)

BATTERY



(E)

BATTERY



To check the power source and charging condition

The voltage meter and operation indicators allow you to check the power source being used and the charging condition of the battery.

The following apply when MAIN POWER is ON.



Charging (A)

POWER is standby and the battery is recharging.
The needle remains still.

AC source, charging (B)

The unit is operating on AC power and the needle indicates the charge in the battery.

This occurs in the following two situations.

- OPERATION is in the  AC/CHARGE position.
- OPERATION is in the  DC position but the unit switched to recharging because the battery charge fell below 10.5 V.

Operating on AC (C)

The unit is operating on AC and the battery is fully charged.
(No volts are being used for charging so the needle remains still.)

The same condition occurs if the battery is not installed.

Operating on DC (D)

The unit is operating by battery.

The needle is in the green zone, indicating the charge in the battery.

The unit switches to AC source, charging (B) when the voltage falls below 10.5 V. See "When battery voltage falls below 10.5 V" below.

Not operating or charging (E)

POWER is standby and the battery is fully charged.

When battery voltage falls below 10.5 V

- There is some variation in the needle indication. For this reason, the needle may not exactly indicate 10.5 V when the unit automatically switches from DC to AC.
- It takes approximately 12 hours for the battery to fully charge. The unit cannot be operated on DC during this time. The indicators change to (C) or (E) when charging is complete.

For your reference

- The battery takes approximately 12 hours to charge irrespective of the charge left in the battery when charging starts. If you begin charging before the battery falls below 10.5 V, then you can use DC power before the battery has completely charged.
- When the battery is approaching full charge, the needle fluctuates in the area between 13.5 V and the upper limit (when POWER is ON). This occurs because charging is nearly finished and does not indicate a malfunction.