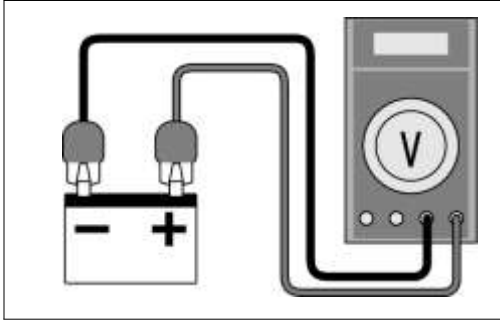




BATTERY VOLTAGE INSPECTION



- Refer to the instructions that are appropriate to the battery testing equipment available to you.

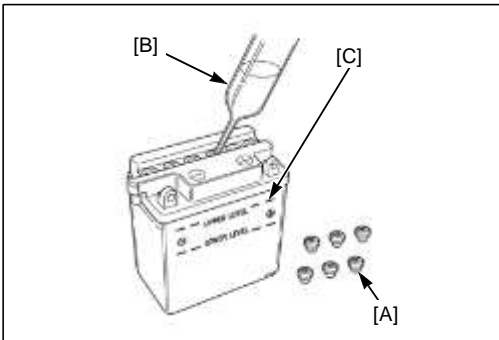


- Battery voltage (using a commercially available digital multimeter)

NOTE:

- When measuring the battery voltage after charging, leave it for least 30 minutes, or the accurate results cannot be obtained because the battery voltage fluctuates just after charging.

OPEN-TYPE BATTERY SERVICE INSPECTION

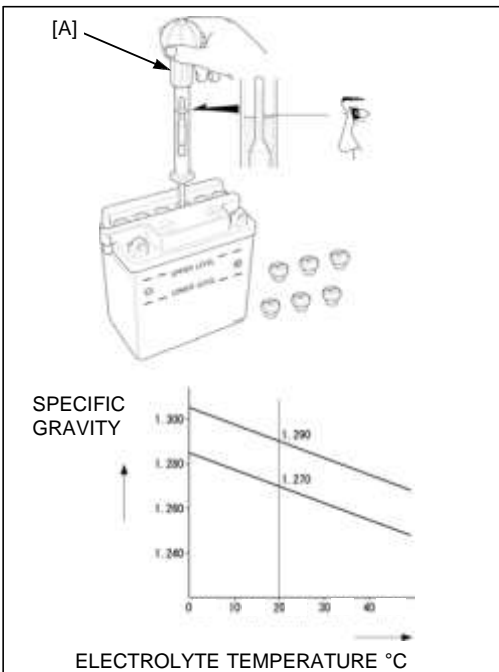


- Case or plates for crack or damage
- Plates for sulfation
- Electrolyte level
- If low, remove the caps [A] and add distilled water [B] to bring the level to the upper level mark [C].

NOTE:

- In order to obtain an accurate test reading when checking the charging system, the battery must be fully charged and in good condition.

SPECIFIC GRAVITY INSPECTION



NOTE:

- The battery electrolyte contains sulfuric acid. Avoid contact with skin, eyes or clothing.
- The specific gravity must be checked with a hydrometer [A].
- Test each cell by drawing electrolyte into the hydrometer.

SPECIFIC GRAVITY:

Fully charged: 1.270 – 1.290 (20°C)

Needs charging: Below 1.230 (20°C)

NOTE:

- If the difference in specific gravity between cells exceeds 0.01, re-charge the battery. If the difference in specific gravity is excessive, replace the battery.
- There is a change in specific gravity of approximately 0.007 per 10°C change in temperature. Be sure to consider this when taking measurements.
- Reading of the hydrometer's fluid level should be taken horizontally.