

## Charging System/Alternator

### Regulated Voltage/Ampere Inspection

#### Leak Test

Measure the leak ampere with the ignition switch OFF.

Leak Ampere: Below 1mA

#### Charging Inspection

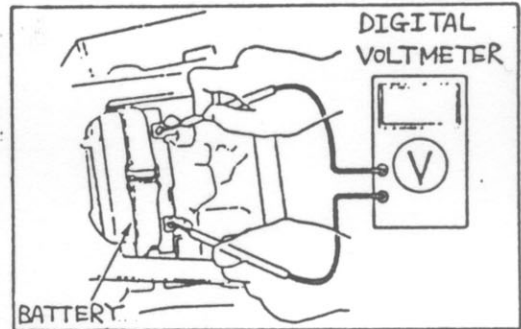
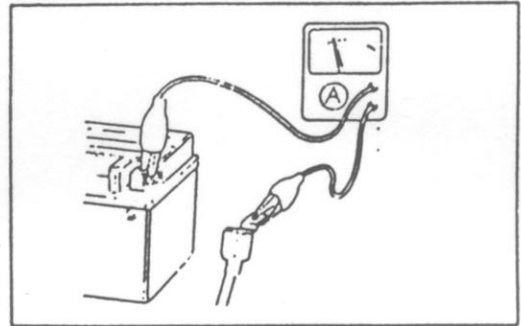
##### NOTE

- Warm up the engine to the operating temperature and check that the battery is fully charged (the voltage between its terminals greater than 12.8V).

If charging is needed, charge the battery according to the charging ampere/time shown on the battery.

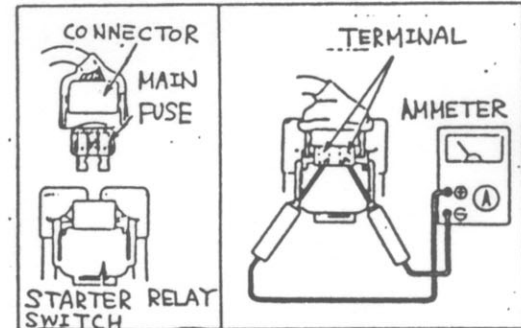
Remove the seat.

Connect the voltmeter between the battery terminals as shown



Disconnect the starter relay switch connector and remove the main fuse.

Connect the ammeter between the terminals as shown and start the engine.



Measure the charging voltage/ampere at the specified rpm.

Regulated Voltage: 13.5-15.5V/5,000-rpm  
Charging Ampere: Below 0.5A

14.5-15.3V / 25A (3,000 RPM)