

BATTERY/CHARGING SYSTEM

BATTERY

REMOVAL/INSTALLATION

Remove the front center cover (page 3-4).

Always turn the ignition switch OFF before removing the battery.

Disconnect the negative terminal first, then the positive terminal.

Connect the positive terminal first, then the negative terminal.

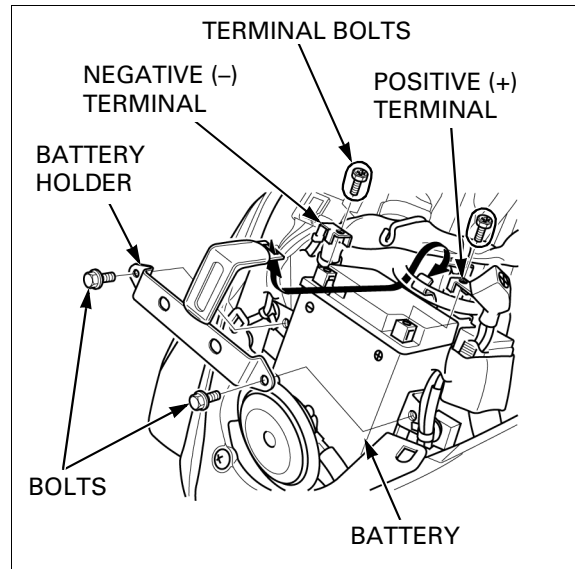
Remove the bolt and disconnect the negative (-) cable.

Remove the bolt and disconnect the positive (+) cable.

Remove the bolts and unhook the battery holder.
Remove the battery.

Install the battery in the reverse order of removal.

Install the front center cover (page 3-4).



VOLTAGE INSPECTION

Remove the front center cover (page 3-4).

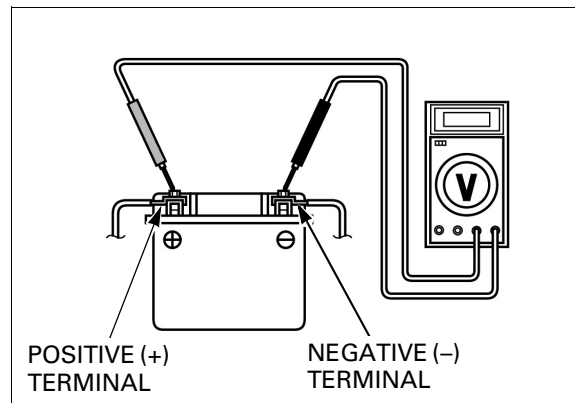
Measure the battery voltage using a digital multimeter.

VOLTAGE:

Fully charged: Above 12.8 V

Needs charging: Below 12.3 V

If the battery voltage is below 12.3 V, charge the battery.



CHARGING SYSTEM INSPECTION

CURRENT LEAKAGE INSPECTION

Remove the front center cover (page 3-4).

Turn the ignition switch OFF and disconnect the negative (-) cable from the battery.

Connect the ammeter (+) probe to the battery (-) cable and the ammeter (-) probe to the battery (-) terminal.

With the ignition switch OFF, check for current leakage.

- When measuring current using a tester, set it to a high range, and then bring the range down to an appropriate level. Current flow higher than the range selected may blow the fuse in the tester.
- While measuring current, do not turn the ignition switch ON. A sudden surge of current may blow the fuse in the tester.

SPECIFIED CURRENT LEAKAGE: 0.1 mA max.

If current leakage exceeds the specified value, a shorted circuit is likely.

Locate the short by disconnecting connections one by one and measuring the current.

