

# Troubleshooting

## Battery Overcharging

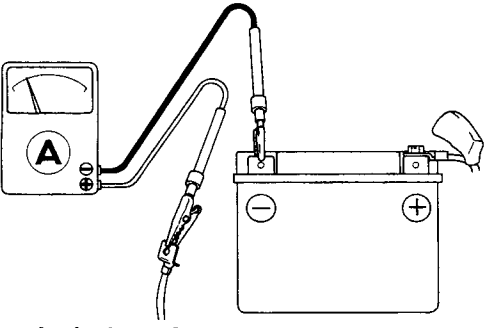
- Faulty regulator/rectifier

## Battery Undercharging

### NOTE

- In order to obtain accurate test reading when charging system, the battery specific gravity must be greater than 1.27 (20°C/68°F) and in good condition. Common Service Manual section 22 for check the battery condition.

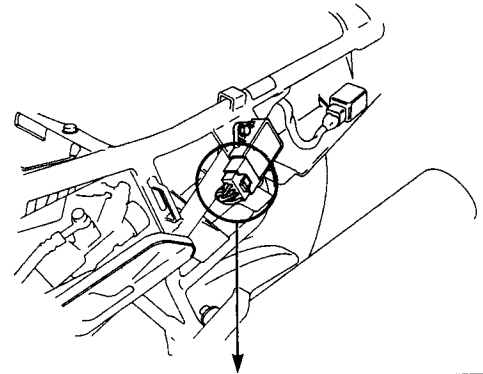
Measure the battery current leakage ampere (leak test: page 14-6).



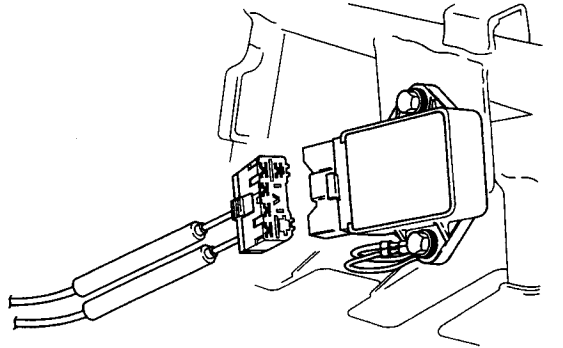
Standard : 0.1 mA max.

Incorrect

Correct



Check the regulator/rectifier (page 14-7).

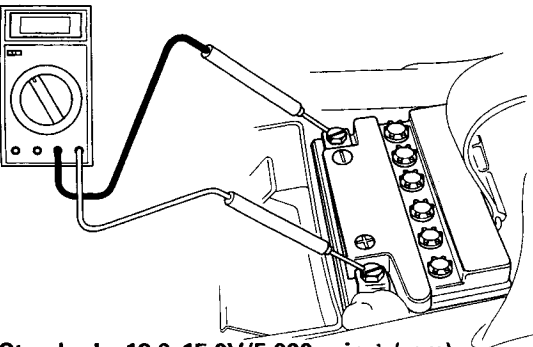


Correct

Incorrect

- Shorted wire harness
- Faulty ignition switch
- Faulty regulator/rectifier

Inspect the regulated voltage (page 14-6).



Standard : 12.6-15.0V/5,000 min<sup>-1</sup> (rpm)

Charging

Check the battery using the battery tester.

Incorrect

Correct

- Electric system over loading
- Faulty battery

- Open circuit in wire harness
- Poorly connected connectors

Not charging