# **Instruction**

## **Car Battery Monitor**

Functional Description

### During engine started

1. Batter Charged (Normal) = Display one by one from 1st to 3rd digits (13.1V ~ 15.9 v)

2. Battery No Charge (abnormal)= Display voltage value for all digits and after about 5 seconds, display blinking (11.6V  $\sim$ 13.0V)

3. Battery No Charge (Low) Display '00' and 'Lo' alternatively (Below 11.6V)

4. Battery Over Charged (High) = Display '-' and HI alternatively (Above 16.0V).

NOTE 1: It is OK if item 2 sometimes appear then back to item 1. But, must check the battery if item 2 always appears and never back to item 1.

NOTE 2: Must check the battery when items 3 or 4 appear.

### Switch On but engine not start

Battery No Charge (Normal)= Display certain value for all digits and after 5 seconds, display blinking (11.6V~13.0 V).
Battery No Charge (Low)= Display '00' and 'Lo' alternatively (Below 11.6V).

NOTE: Must check the battery when item 2 appear.

# Good, Warning or Bad condition

**During engine started** Good= Display 13.1~ 15.9

Warning=  $11.6V \sim 13.0$  (must check battery if always appear this value) NOTE: IT is ok if display able to go back to good condition.

Bad= Below 11.6V or above 16.0V (Must check battery)

# Switch On but engine not start

Good= Display 11.6~13.0

Bad= Below 11.6V ( Must check battery)