

# Tach / Hour Meter

Use For : Motorcycle, ATV, Snowmobile Boat, Generator

Waterproof

Battery Replaced

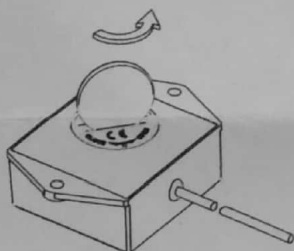
LCD Backlight

**NOTE :** This manual is a **C: Full-featured** version, please be selected according to the actual product version, with special attention **A: Normal B: Standard**

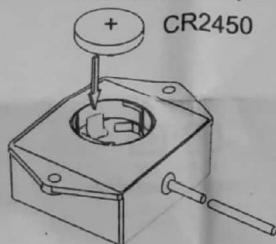
**INTRODUCTION:** The ENGINE MONITOR is a self powered LCD Hour Meter, Tachometer and Maintenance Meter. An internal lithium battery furnishes the power for the monitor. A wire around the spark plug wire of the engine to provide both a tachometer signal as indicator that the engine is running. The maintenance meter is used to alert maintenance personnel that a time interval has expired and maintenance should be performed on the engine. Before changing any settings to the ENGINE MONITOR, ensure that the engine is off.

## 1 How to install the battery

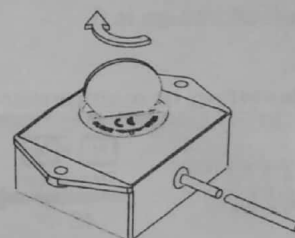
1 Open the battery cover



2 Put the battery inside  
smooth side should be put upward

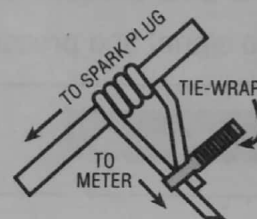


3 Close the battery cover



## 2 Installation

Unpack and attach the unit to a location where it can be easily read. Wrap 3 or 4 turns of the wire around the engine's spark plug wire. The LCD will display the accumulated hours on the hour meter and hours icon.



## 3 Activate Product

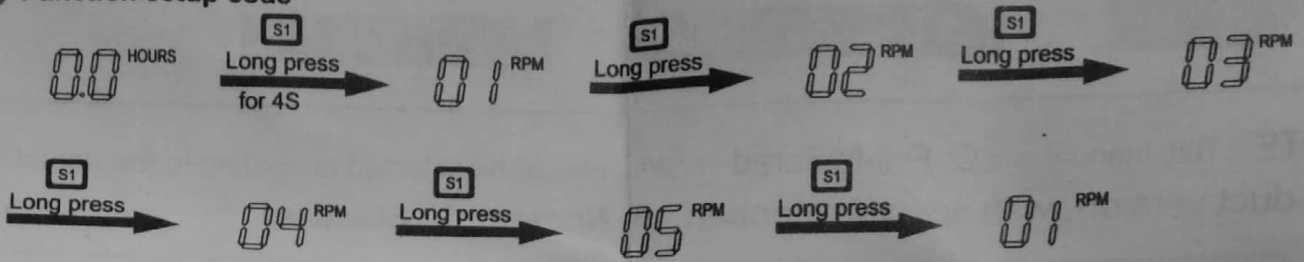
- 1 After installing the battery completely, press the S1 and S2 button, the LCD screen will start displaying 00000-99999 until the end, after 2S, the LCD screen will turn off.
- 2 Press S1 or S2 button again to activate the meter; or when the engine is started, it will automatically activate the meter, then the meter LCD screen will light up.

## 4 How to turn the backlight

- 1 After installing the battery completely, press the S1 or S2 button, the LCD screen backlight will turn on, after seconds, the backlight will automatically turn off.
- 2 Product during use by S1 or S2 button to turn on the backlight, after 2S, the backlight will automatically turn off.

## 5 How to use the meter

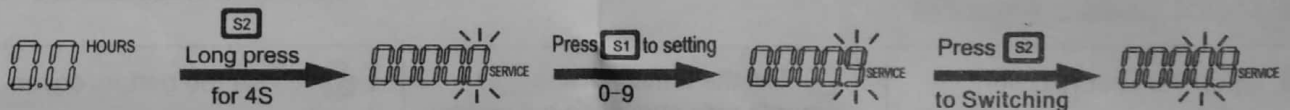
### 1 Function setup code



Once you find your desired spark plug firing pattern, release the S1 button. The default for the standard model is 02 (once per revolution).

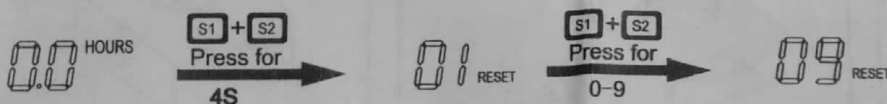
Code	Function	Comments
01	2P1R	2 Stroke 1 Cylinder
02	1P1R	1 Stroke Per Cylinder
03	1P2R	1 Stroke 2 Cylinder
04	Only hour	Not display RPM
05	Reset	Reset mode

### 2 Set the maintenance function



Default Values is 0.

### 3 Resetting or maintenance function



Continued Press 01 to 09, if you choose for the number of 05, that is for restoring factory setting, and the alert setting have been done, then the maintenance function will start.

※ The LCD will blink for 8S to 10S and return to total hour meter mode.

※ No signal and pressing for two minutes, the LCD screen will be closed.

## 6 Product Series

There are three types of the product

A: **Normal**---Battery not replaceable

B: **Standard**---Battery can be replaced, no backlight

C: **Full-featured**---Battery can be replaced with backlight function

Please select the type you need when purchasing.

## 7 Specifications

Hours Range	99999H
Hours Resolution	0.1H
RPM Range	0~30000RPM
RPM Resolution	10RPM
Battery	CR2450
Battery Life	2 years
LCD Size	12.5×42 mm
Waterproof	IP65
Weight	70g
Product Size	73.5×47×20 mm