

# INSTRUCTIONS

## ENM COMPANY'S NEW ENGINE MONITOR PT 14 SERIES

- 1. 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 provides both a tachometer signal and an 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.
- 2. INSTALLATION:** Unpack and attach the unit to a location where it can be easily read. Uncoil the shielded wire and wrap 3 or 4 turns of the red wire around the engine's spark plug wire. The white wire must be attached to the engine's frame. The LCD will display the accumulated hours on the hour meter and a HOURS icon.
- 3. TO SET THE TACHOMETER (SPARK PLUG FIRING REVOLUTION):** Press and hold the **S1** button for 4 seconds. The LCD will display **01** (spark plug fires twice per revolution), **02** (once per revolution), **03** (every other revolution), **04** (hours only, will not display RPM). Once you find your desired spark plug firing pattern, release the **S1** button. The LCD will blink for 8 to 10 seconds and return to total hour meter mode. The default for the standard model is **02** (once per revolution). This default can be changed during manufacturing.
- 4. TO SET THE MAINTENANCE INTERVAL TIMER:** Press and hold down the **S2** button for 4 seconds. The right most digit on the LCD will flash and the SERVICE icon will be displayed. Pressing and holding the **S1** button will cause the flashing digit to automatically increment. When the desired number has been reached release the **S1** button and press the **S2** button for 1 second to increment to the next digit. Repeat above steps until the service time interval has been entered. After 14 to 16 seconds with no buttons pressed, the LCD display will return to total hours mode.

