

TINY - TACH™

OPERATING INSTRUCTIONS

CONNECTING THE WIRES

The *TINY-TACH™* meter can be mounted in the desired location using either sheet metal screws or by using double sided tape. For best results when using tape, be sure to clean off any dirt, grease and oil from the desired mounting location using a suitable solvent such as denatured alcohol.

Find a suitable route to run the pick-up wire to the spark plug wire. It is not critical how the wire is routed. It can be put into existing wire harnesses or wrapped around and taped to metal supports. **CAUTION - KEEP WIRE CLEAR OF EXTREMELY HOT ENGINE PARTS SUCH AS THE MUFFLER, etc.** Wire damage (cuts or burns) will cause the wire to short and your *TINY-TACH™* will stop working. *Wire damage is not under warranty.*

The RED WIRE should be slipped over an insulated section of the spark plug wire using about 4 turns. **PLEASE BE CERTAIN YOU DO NOT WRAP THE RED WIRE TO CLOSE TO THE SPARK PLUG THAT ENGINE VIBRATION WILL ALLOW IT TO COME INTO DIRECT CONTACT WITH THE METAL PORTION OF THE SPARK PLUG.** Most engines have a spark plug cap and will prevent this from happening. After the connections are made, any excess wire can be coiled up and taped to a convenient area.

METER OPERATION

When the engine is started, the display will indicate the RPM of the engine. When the engine is shut down, the display will switch to run time, initially in minutes and then switching to hours once the total reaches 60 minutes. The display will flash off and on for approximately 10 minutes to show the total run time. If, after the display stops flashing, only two numbers are shown, the time indicated represents minutes, i.e. 03 means three minutes. If there are four digits, such

as 0024, then the time indicated will be the number of hours. The meter will automatically switch from minutes to hours once run time reaches 59 minutes.

MODELS WITH A RESET FUNCTION

The RESET indicator on the label surface is a pressure point that can be pushed at any time to reset the total hours. When pushed, the meter will go through a self test and display all the segments to ensure everything is OK. If you need to record your hours, do so before resetting your *TINY-TACH™*.

TINY-TACH™ ENGINE APPLICATIONS

- 2C **Standard Model (Most Common).** For Briggs, Kohler, Toro, Lawnboy and similar lawn mower type engines. Used on engines with one spark firing on each revolution of the crankshaft. Can be used on 1 or 2 cylinder engines and on **4-stroke engines with electronic ignition** (no points).
- 1C For most models of Jet Skis (1 or 2 cylinders). Used for engines with a spark firing every 180 degrees of the engine crankshaft. **EXCEPTION:** A 3 cylinder jet ski uses a specially modified "2X" *TINY-TACH™*.
- 4C For true 4-stroke (Kohler "K" series). Used with engines that have a spark for every 2 revolutions of the engines crankshaft. **Must be a true 4-stroke with points and distributor, NOT FIRING ON THE EXHAUST STROKE. Very few engines use this model.**

