



Model: P3-1M

3-in-1 Meter Instructions

Use for: Chainsaws, Lawnmowers, Motorcycles, or other small gasoline engines (2/4 stroke)

Service Reminder Functions:

- Every 5 hours of operation, "CLEAN AIR FILTER" will flash.
- Every 10 hours of operation, "CHANGE OIL" will flash.
- At 20 hours of operation, "VALVE SERVICE" will flash.

All mentioned functions will count down and show you the time remaining before needed service. Keep in mind that the functions are resettable by holding the reset button for 5 seconds. Please note that the meter included for the total hours accumulated is non-erasable.

Operation

Changing the SPARK/PULSE input:

Press the button 6 times consecutively, and the display will show the user "1P1r", then the hour meter in tach mode. Continue pressing the button until the display reads "0.0" if this mode is your engine spark.

CAUTION: Most off-road motorcycles use the default setting (1P1r). Motorcycles with a battery will typically have ignitions which send two pulses for every RPM (2P1r).

1P1r: indicates that the meter is set for 1 pulse per 1 revolution.

1P2r: indicates that the meter is set for 1 pulse per 2 revolutions.

2P1r: indicates that the meter is set for 2 pulses per 1 revolution.

If your RPM reading is double what it should be at idle you need to select "2P1r"

Viewing Max RPM/Resetting Max RPM:

To view the maximum RPM, press the button 5 times consecutively. The display should then show "2 RPM". To reset the max RPM, hold the button for 8 seconds.

Installation

1. Select a location in which the pick-up wire (included) is reachable from the meter to the spark plug. Mount using two-sided tape or screws (included).

CAUTION: DO NOT MOUNT METER WHERE A SURFACE'S TEMPERATURE EXCEEDS 125°F.

2. If you are using screws to mount the tach, ensure a 7/64" hole is used, and DO NOT DRILL INTO GAS TANK/ENGINE CRANK CASE/OIL RESERVOIR FRAMES. If unsure, please contact your local dealer.

3. Loop the wire into the meter using the holes (please refer to Figure 4). Fasten the meter to the mounting surface using tape or screws (please refer to Figure 3). If your engine has a pencil or stick type coil ignition, wrap the wire from the meter AROUND the dust boot of the coil, where it sits on top of the spark plug (please refer to Figure 1 and 2). Be sure to test the installation using the engine hourglass icon on the meter's display (this will blink if installed correctly).

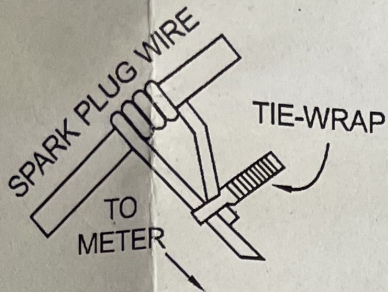
Handheld Tachometer Usage:

Loop wire on tach, then place micro clip on spark plug lead wire (See Figure 5).

Loop wire on tach, then place wire on top of spark plug boot (See Figure 6).

For wireless mode, place back of tach approximately 2-4 in. away from spark plug boot (See Figure 7)

1.



2 stroke and/or standard coil type ignition

2.



4-stroke with pen/stick coil type ignition loop wire around coil (A) between dust boot and top of coil, secure with tie wrap.

3.

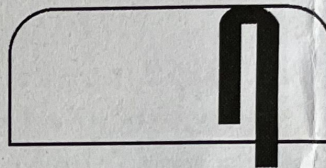
Back of Meter



wire may exit bottom or side

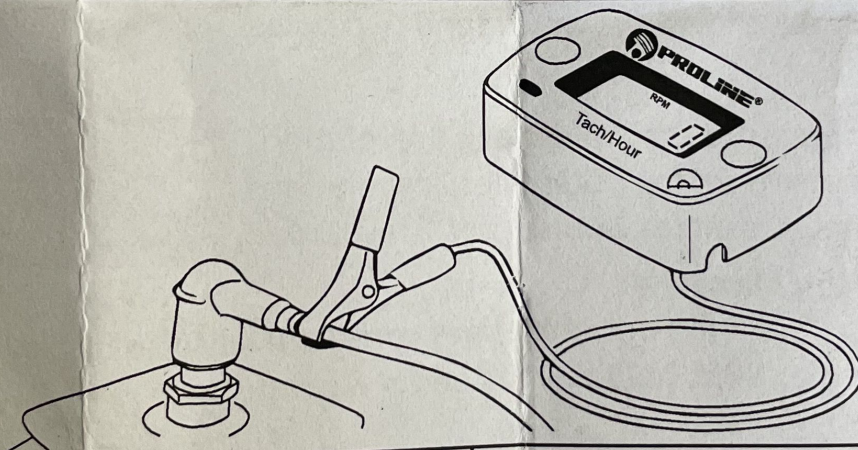
4.

side view of meter showing pick up wire installation

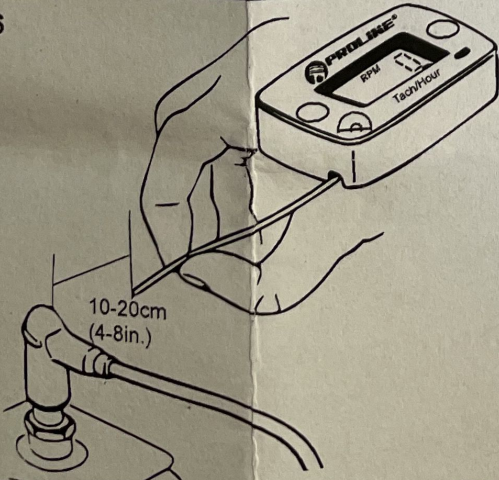


wire from ignition goes up through meter and back into meter

5.



6.



7.

