

Tiny Tach

Commercial II Gas Model

Display Operating Instructions

INITIAL SETUP: Determine the amount of pulses (sparks) per engine revolution. Most common is 1 spark per revolution - default value. If you are unsure, start the engine and read the display. Ex.: If the idle speed normally is 1200 RPM and the **Tiny Tach** reads 600 RPM, you have 1 spark every second revolution (720).

- Adjust as follows:
- Push the **SELECT** button until **SVC2** appears.
 - **PUSH** and **HOLD** the **SELECT** button for **5 seconds**
 - The display will show the following: - Note the word "SET F".
 - By pushing the select button again the dial will toggle between 180, 360 and 720.
 - After adjustment wait for 30 sec and the display will return to displaying hours.
- The **Tiny Tach** will now show proper RPM during operation.

Display Modes:

TOT
123:45

TOT = Total Hours of operation.

- This is always displayed when the meter is powered externally,
- If no power is available the display turns off. Push **SELECT** once and the display will show total time for 30 seconds.
- TOT time CANNOT be reset.

JOB
12:34

JOB = Hours of operation since the timer was reset. (Accessed by pushing the "SELECT" button once)

Reset **JOB** timer: (Typical procedure for all other functions).

Display indicates "TOT", if the **SELECT** button is pushed AND RELEASED the next function is will be "JOB".

If the **SELECT** button is pushed AND HELD DOWN for 5 seconds the display will change to:
After RESET the display will return to JOB and the display will read - 00:00

SVC
12:21

SVC = Hours of operation BEFORE next service. Note: Timer counts down. Resettable in 5 hour increments, 0 - 50 hours. When the preset service time is reached the display will flash.

Reset **SVC** timer: Push **SELECT** button until **JOB** is displayed. Push and **HOLD** the button once more for 5 seconds. The display will change to:

SVC
25:00
RESET SET

Programming SVC timer: Proceed as when resetting the timer, HOWEVER, continue to hold the **SELECT** button for 10 seconds. The display will change to:
While the "SET" is displayed the SVC time can be stepped forward until the desired service interval is achieved. The display will reset to normal after 30 seconds.

MAX = Maximum RPM since the timer was reset.

MAX
3380

Reset **MAX RPM:** Push the **SELECT** button until **SVC** is displayed. Push and **HOLD** the button once more for 5 seconds. The display will change to:
After RESET the display will return to JOB and the display will read - 0000

MAX
0000
RESET SET

SVC2 = Hours of operation BEFORE next service. Note: Timer counts down. Resettable in 10 hour increments, 0 - 250 hours. When the preset service time is reached the display will flash.

Reset **SVC2** timer: Push **SELECT** button until **MAX** is displayed. Push and **HOLD** the button once more for 5 seconds. The display will change to:

SVC2
50:00
RESET SET

Programming SVC2 timer: Proceed as when resetting the timer HOWEVER continue to hold the **SELECT** button for 10 seconds. The display will change to:
While the "SET" is displayed the SVC2 time can be stepped forward until the desired service interval is achieved. The display will reset to normal after 30 seconds.

SVC2
50:00
RESET SET



All functions of the **Tiny Tach** are accessible by pushing the "SELECT" button.

SET F
360

Ex: If the RPM displayed was too low set the value to "720", if the RPM was too high set the value to "180"

3 120

Typical RPM display during operation of the engine

NOTE: All functions of the meter can be accessed during operation by pushing **SELECT**

JOB
12:34

JOB
00:00
RESET SET

SVC
12:21

SVC
25:00
RESET SET

SVC
25:00
RESET SET

MAX
3380

MAX
0000
RESET SET

SVC2
23:32

SVC2
50:00
RESET SET

SVC2
50:00
RESET SET