Tiny Tach

Display Operating Instructions

Commercial II Gas Model

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".

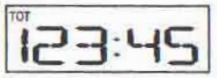
- By pushing the select button again the dial will toggle between 180, 360 and 720.
- After adjustment wait for 30 sec and the display will return to displaying hours.

The ***Tiny Tach*** will now show proper RPM during operation.

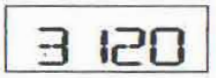
All functions of the ***Tiny Tach*** are accessible by pushing the "***SELECT***" button.

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

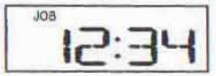
Display Modes:



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.

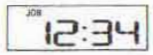


Typical RPM display during operation of the engine
NOTE: All functions of the meter can be accessed during operation by pushing SELECT



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:

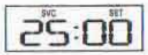
After RESET the display will return to JOB and the display will read - 00:00

SVC = 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:

25 hours is the default value.

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.

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

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:

50 hours is the default value.

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.

Design Technology, Inc.
768 Burr Oak Drive
Westmont, IL 60559
630.920.1300
(Fax: 630.920.0011)
www.tinytach.com