

Instructions for 80mm/100mm 12volt Smiths MotorSport Classic Tachometer

Caution
Disconnect the negative battery
cable prior to any installation

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Terms and conditions apply.

For further information go to the Caerbont
Automotive web site "www.caigauge.com".

Products designed and manufactured under
ISO 9001:2000 quality standard.

Installation Instructions

USE ON **NEGATIVE EARTH** VEHICLES only

The **SMITHS** MotorSport Classic tachometer is available in
80mm and 100mm diameter case size.

INSTALLATION:

To fit the tacho, either an 80mm or 100mm clearance hole is
required, dependant on the model purchased.

A harness is provided with 6 free end wires to connect to your
vehicle as below:

GREEN - Connect to switched positive supply.

BLACK - Connect to ground.

RED/WHITE - Connect to dash lamp power (Positive Supply) .

RED/BLACK- Connect to dash lamp power (Negative Supply)

RPM signal input alternatives:-

RED/BLUE - Connect to connect breaker side of Ignition Coil,
OR,

WHITE/BLACK- Connect to Ecu, Electronic tacho signal.

The toggle switch is used to set the calibration of the instrument,
i.e. the number of cylinders. The switch can then be removed from
the vehicle, if required, by separating the three blade connectors.
The switch will not be needed again unless you require to re-install
the product on another engine with a different number of cylinders.
Push the toggle switch towards the locating tag & slot on the switch
washer for "set adjust" and away from the tag for "menu select".

OPERATING INSTRUCTIONS:

1.SET THE NUMBER OF ENGINE CYLINDERS (For conventional ignition systems, 1 coil & 1 distributor)

With the ignition switched off, press and hold the toggle switch
away from the tag, i.e. menu select. Keeping the switch pressed,
switch on the ignition.

With release of the button the pointer will move to the factory setting
of 4 cylinders. Each press and release of the menu/select toggle
will increment the pointer by 1000RPM (or 1 cylinder), up to 12
cylinders.

When the number of cylinders exceed full scale then the pointer will
move backwards with each minor chaplet representing a 1 cylinder
increment.

If 12 cylinders are exceeded, then the sequence will restart at 1
cylinder (1000rpm).

For 4 cylinder lost spark ignition systems:-

These systems have two double ended coils and no distributor.
Connect the white and black lead of the tacho to one coil only. The
setting will need to be halved, therefore set at 2000(2) not 4000(4),
in this case.

When the pointer is at the correct cylinder number, press and hold
the toggle switch in the 'menu select' position (away from the tag)
until the pointer has returned to zero.
Switch the ignition power off then back on to set the tachometer to
its new setting.

For advice on other ignition systems: contact technical support :-
Tel:- 44-1639-732216 Fax:- 44-1639-732201

