



file nr: 235

RPM 2001

RPM 2001 MINI

RPM 2005

RPM 2006

RPM 2007

RPM AVIO

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The POWER RPM digital is a small and powerful tool that gives the driver information useful to evaluate driving performance and the tuning of your vehicle, the POWER RPM in accordance with several versions, will display RPM engine, water temperature in C° or F°, with custom set up, for 2 or 4 strokes, from 1 to 24 cylinders, maximum RPM, recall set up limit rpm, led laser flashing for limit rpm and alarm temperature, count down battery, power supply by one internal battery (PC version) or 12 volts, battery life 100 hrs.

Three different ways to signal acquisitions, from spark plug wire, from negative coil or from electrical manage injection system called EFI. Digital watch when device turned off.

Fitting instruction:

Code version: RPM 2001 / RPM 2003 only rpm

Version with battery on board, fit the rpm wire the little alligator directly on the spark plug wire, if there is present an insulated cable or special spark plug caps, make two or three round of the cable before to fit the clip. In 12 volts power supply the green wire is the positive + and the white wire is the negative - to ground, the yellow is the + for the backlight.

In case you have to fit the rpm cable into negative coil, take off the alligator and fit the cable. Is possible cut the rpm cable without problem. Do not pair the tachometer wire with power supply one!

Code version: RPM 2002 / RPM 2004 only rpm

Version with battery on board, with EFI acquisition signal. Connect the red cable (efi WIRE) directly to exit of central manage system EFI, and the white cable to ground, please see your user manual of your vehicle to find the correct wires in output. In the back lite version you'll find three wires, white - negative to ground, green + to 12 volts and yellow + 12v for the light.

Code version: RPM 2005 / RPM 2006 / RPM 2007 / RPM 2010 with temperature

Version with battery on board, there are present two wires, one for the rpm (as usual with alligator) and another one for the water probe, connect the fastom red wire directly to probe and the other white wire on ground, directly to the T aluminium adaptor, you must connect the positive wire on probe and the negative wire directly on adapter. If you use some plastic tie wraps, don't tighten them too much and remember not to pair tachometer wire with the temperature one!!!

Code version: RPM 2008 / RPM 2009 with temperature

Connect the power supply 12v, green wire (+) positive and white wire (-) negative to ground and the yellow + for the backlight (Power 12v) after connect the temperature wire (Temp) with the red wire positive directly to probe and the white wire negative to ground on chassis. Now connect the rpm wire directly to manage system EFI (see version 2002 and 2004) see the user manual of vehicle manufacturer where is the output signal and connect the red wire positive while the white wire to ground. If you use some plastic tie wraps, don't tighten them too much and remember not to pair the tachometer wire the temperature one!!!



In the drawing are presents four buttons called P1,P2,P3,P4.

Digital watch

The first operation is to set the digital watch, it will display hours, minutes and seconds in 24h format. To set the time, push P2 without release it and push P3, at this time hours flashing set the correct time with P4, the same for minutes and second (P3>P4), after selected the minutes and seconds release P2 and the set up is finish.

If you don't want to display the watch, push P3 and P1 to restore the watch push again P3 and P1.

Tachometer

Turn on the device with P1 (push for half second) now push P2 (for two seconds) to enter in set up menu, at this point will appear:

T 2 (2 or 4 strokes menu) to select use P3 and P4, after push P2

P 1 (nr of cilindres menu) to select use P3 and P4, after push P2

H 2900(rpm limit set up) to select use P3 and P4, after push P2

ST 50 (rpm's engine reading per minute, select with P3 and P4 (suggest to select 100), after push P2 version with water temperature, push again P2 and:

° C (select F° or C° menu) with P3 or P4, after push P2

C 80 (alarm water temperature) select the alarm temp with P3 or P4, now the set up is complete, turn off the device to store all the parameters selected.

Features

Turn/on/off: push P1 for half second, the version 12 volts 12 volts the turn on is automatically when arrive power.

Engine hours: push P1 without release it and will appear the time.

Max rpm reached: push P4.

Liquid cooling temperature: push P3 to return to rpm push P4.

Rev. Limited: when you arrive to rev limited the red led flashing.

Alarm liquid cooling: in accord with set up the red flashing.

IMPORTANT NOTES AND SUGGESTIONS:

the battery life is around 100 hrs, the model to replace is 3v lithium CR 2430, when you replace it, the + pole must be to the up.

Do not pair rpm wire with others wires, the rpm cable must be alone!!!

With the acquisition signal from spark plug wire, take note if you have the wire and the spark plug insulated, because in this case you must around the wire two or three time on the spark plug wire, as the wave with the insulated cables are too low. The power rpm, can stand the exposure to the dust and the bad weather.